

# Acer Aspire 8935G

## 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>

PRINTED IN TAIWAN

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# Revision History

Please refer to the table below for the updates made on Acer SM80 service guides.

| Date | Chapter | Updates |
|------|---------|---------|
|      |         |         |
|      |         |         |
|      |         |         |

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## Conventions

The following conventions are used in this manual:

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

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## 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, that you should check the most up-to-date information available on your regional web or channel. If, for whatever reason, 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.



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# System Specifications

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## Features

Below is a brief summary of the computer's many features:

**NOTE:** Items marked with \* denote only selected models.

## Operating System

- Genuine Windows® Vista™

## Platform

- Intel® Centrino® 2 processor technology, featuring:
  - Intel® Core™2 Extreme processor\*
  - Intel® Core™2 Duo processor\*
  - Mobile Intel® PM45/GM45 Express Chipset\*
  - Intel® Wireless WiFi Link 5100/5300

## System Memory

- Dual-Channel SDRAM support
- Up to 2 GB of DDR3 1066 MHz memory, upgradeable to 4 GB using two soDIMM modules

## Display

- 18.47" TFT LCD
- Resolution: 1920 x 1080 Full HD
- 16:9 aspect ratio

## Graphics

- Mobile Intel® GM45 Express Chipset\*
- ATI Mobility Radeon™ HD 4670\*
- ATI Mobility Radeon™ HD 4650\*
- NVIDIA® GeForce® GT 130M\*

## Storage subsystem

- 2.5" hard disk drive
- Optical drive options:
  - Blu-ray Disc™ /DVD-Super Multi double-layer drive\*
  - DVD-Super Multi double-layer drive\*
- 6-in-1 card reader (SD/MMC/MMC4.0/MS/MS Pro/XD)

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## Optical Drive

- Fixed type
- SATA Interface
- Optical: BD Combo/Super-multi
- G-base

## Audio

- Dolby®-optimized surround sound system with two built-in stereo speakers
- True5.1-channel surround sound output
- High-definition audio support
- S/PDIF (Sony/Philips Digital Interface) support for digital speakers
- MS-Sound compatible
- Acer Purezone technology with two built-in microphone

## Digital Camera

- 1 megapixel digital camera, built-in

## Dimensions and Weight

- 440 (W) x 295 (D) x 31/43.8 (H) mm (17.34 x 11.62 x 1.22/1.73 inches)
- 4.6 kg (10.1 lbs.) with 8-cell battery

## Communication

- Acer Video Conference, featuring:
  - Integrated Acer Crystal Eye webcam\*
  - Acer PureZone technology\*
- WLAN: Intel® Wireless WiFi Link 5100/5300\*
- WPAN: Bluetooth® 2.0+Enhanced Data Rate (EDR)\*
- LAN: Gigabit Ethernet; Wake-on-LAN ready
- Modem: 56K ITU V.92; Wake-on-Ring ready

## Privacy control

- Acer Bio-Protection fingerprint solution\*
- User, supervisor, and HDD password control
- Kensington Lock (7.5mm)

## Power subsystem

- ACPI 3.0
- 71 W 4800 mAh battery
- 3-pin 120 W AC adapter
- ENERGY STAR®\*

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## Special keys and controls

- 103-/104-/107-key keyboard
- Touchpad pointing device

## I/O interface

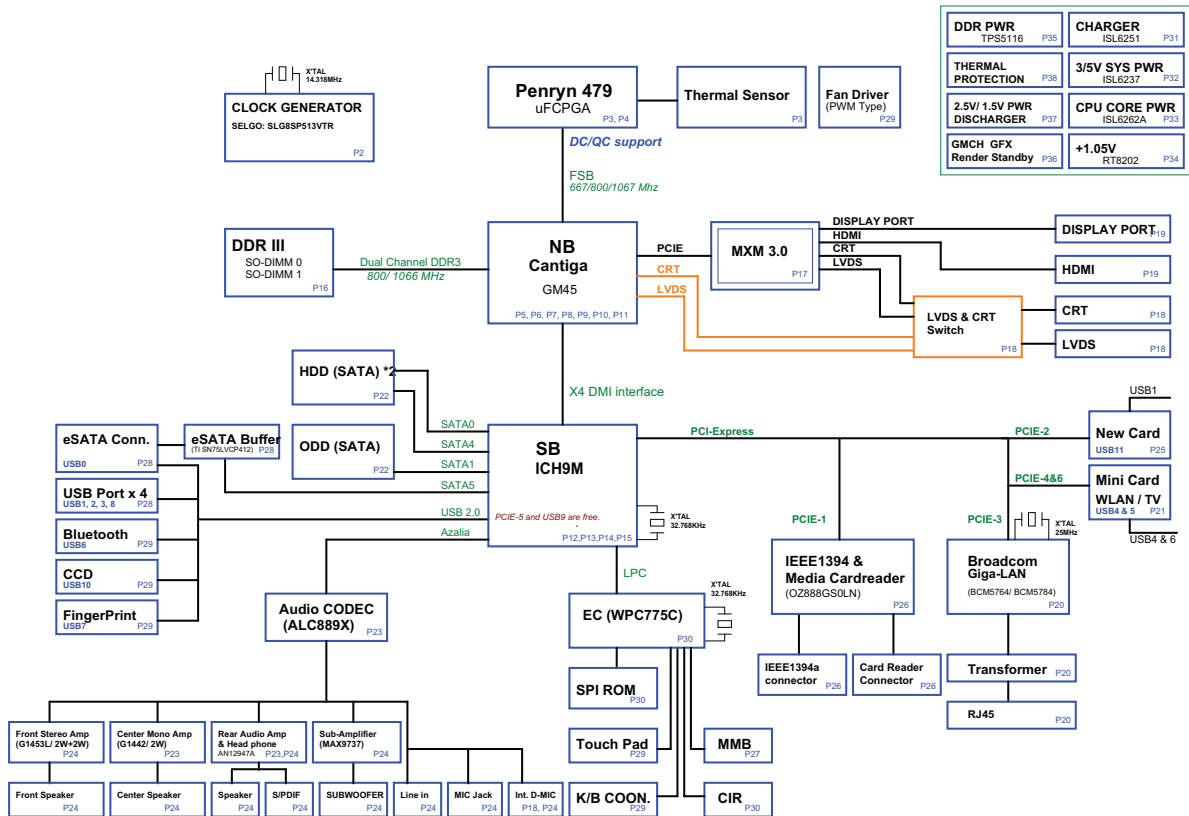
- ExpressCard®/54 slot
- Acer Bio-Protection fingerprint reader\*
- 6-in-1 card reader(SD/MMC/MMC4.0/MS/MS Pro/XD)
- 4\* USB 2.0 jacks
- HDMI™ port with HDCP support
- DISPLAY port
- eSATA port
- External display (VGA 15-pins) port
- Consumer infrared (CIR) port
- RF-in jack\*
- Headphones/speaker/line-out jack with S/PDIF support
- Microphone-in jack
- Line-in jack
- Ethernet (RJ-45) port
- Modem (RJ-11) port
- DC-in jack for AC adapter

## Environment

- Temperature:
  - Operating: 5 °C to 35 °C
  - Non-operating: -20 °C to 65 °C
- Humidity (non-condensing):
  - Operating: 20% to 80%
  - Non-operating: 20% to 80%

**NOTE:** Items marked with \* denote only selected models.

# System Block Diagram



# Your Acer Notebook tour

After knowing your computer features, let us show you around your new computer.

## Front View



|   | Icon                                                                                | Item                    | Description                                                                                            |
|---|-------------------------------------------------------------------------------------|-------------------------|--------------------------------------------------------------------------------------------------------|
| 1 |                                                                                     | Acer Crystal Eye webcam | Web camera for video communication.                                                                    |
| 2 |  | Microphone              | Internal microphone for sound recording.                                                               |
| 3 |                                                                                     | Display screen          | Also called Liquid-Crystal Display (LCD), displays computer output (Configuration may vary by models). |
| 4 |  | Power button            | Turns the computer on and off.                                                                         |

|    | Icon                                                                                | Item                                        | Description                                                                                                                                                                                                                |
|----|-------------------------------------------------------------------------------------|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5  |    | Backup key                                  | Launches Acer Backup Management for three-step data backup.                                                                                                                                                                |
|    |    | Bluetooth communication button/indicator    | Enables/disables the Bluetooth function. Indicates the status of Bluetooth communication (only for certain models)                                                                                                         |
|    |    | Wireless LAN communication button/indicator | Enables/disables the wireless LAN function. Indicates the status of wireless LAN communication.                                                                                                                            |
| 6  |                                                                                     | Keyboard                                    | For entering data into your computer.                                                                                                                                                                                      |
| 7  |                                                                                     | Touchpad                                    | Touch-sensitive pointing device which functions like a computer mouse.                                                                                                                                                     |
| 8  |    | HDD                                         | Indicates when the hard disk drive is active.                                                                                                                                                                              |
|    |    | Num Lock                                    | Lights up when Num Lock is activated.                                                                                                                                                                                      |
|    |    | Caps Lock                                   | Lights up when Caps Lock is activated.                                                                                                                                                                                     |
|    |    | Power*                                      | Indicates the computer's power status.                                                                                                                                                                                     |
|    |    | Battery†                                    | Indicates the computer's battery status. <ul style="list-style-type: none"> <li>Charging: The light shows amber when the battery is charging.</li> <li>Fully charged: The light shows blue when in AC mode.</li> </ul>     |
| 9  |                                                                                     | Click buttons (left, center* and right)     | The left and right buttons function like the left and right mouse buttons. *The center button serves as Acer Bio-Protection fingerprint reader supporting Acer FingerNav 4-way control function (only for certain models). |
| 10 |                                                                                     | Palmrest                                    | Comfortable support area for your hands when you use the computer.                                                                                                                                                         |
| 11 |  | Touchpad toggle                             | Turns the internal touchpad on and off.                                                                                                                                                                                    |
| 12 |                                                                                     | Acer MediaTouch                             | Touch sensitive controls for Acer Arcade, volume (up/down) and media (play/pause, stop, previous, next); with mute and hold keys.                                                                                          |
| 13 |  | Acer PowerSmart key                         | Puts your computer into power-saving mode.                                                                                                                                                                                 |
| 14 |                                                                                     | Speakers                                    | Left and right speakers deliver stereo audio output.                                                                                                                                                                       |
| 15 |  | Screen blank                                | Turns the display screen backlight off to save power. Press any key to return.                                                                                                                                             |

\*The front panel indicators are visible even when the computer cover is closed up.

†The front panel indicators are visible even when the computer cover is closed up.

# Closed Front View



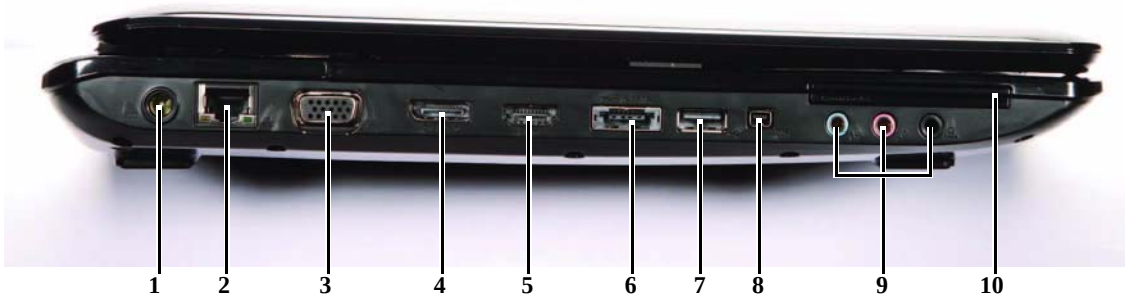
| # | Icon | Item               | Description                                                                                                                                                                                                                                        |
|---|------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 |      | 6-in-1 card reader | Accepts Secure Digital (SD), MultiMediaCard (MMC), MultiMediaCardplus (MMCplus), Memory Stick (MS), Memory Stick PRO (MS PRO), xD-Picture Card (xD).<br><b>Note:</b> Push to remove/install the card. Only one card can operate at any given time. |
| 2 |      | CIR receiver       | Receives signals from a remote control.                                                                                                                                                                                                            |

# Rear View



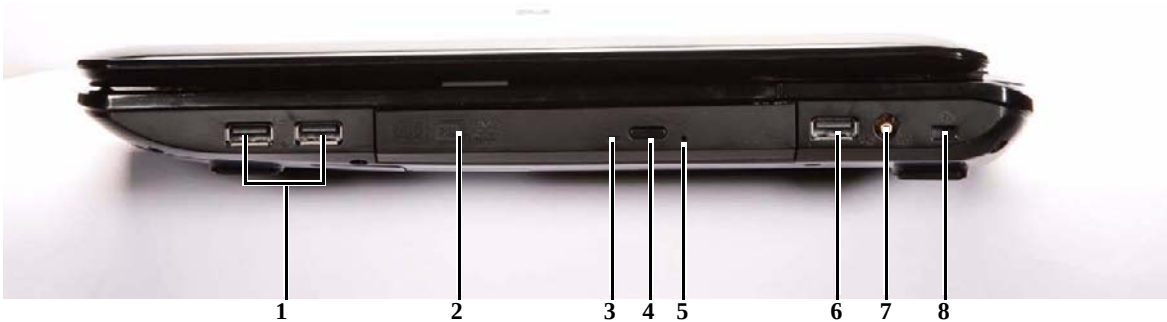
|   | Item              | Description                                                                     |
|---|-------------------|---------------------------------------------------------------------------------|
| 1 | Tuba              | The dedicated Tuba CineBass subwoofer pumps out earthshaking movie-house audio. |
| 2 | Ventilation slots | Enable the computer to stay cool, even after prolonged use.                     |

# Left View



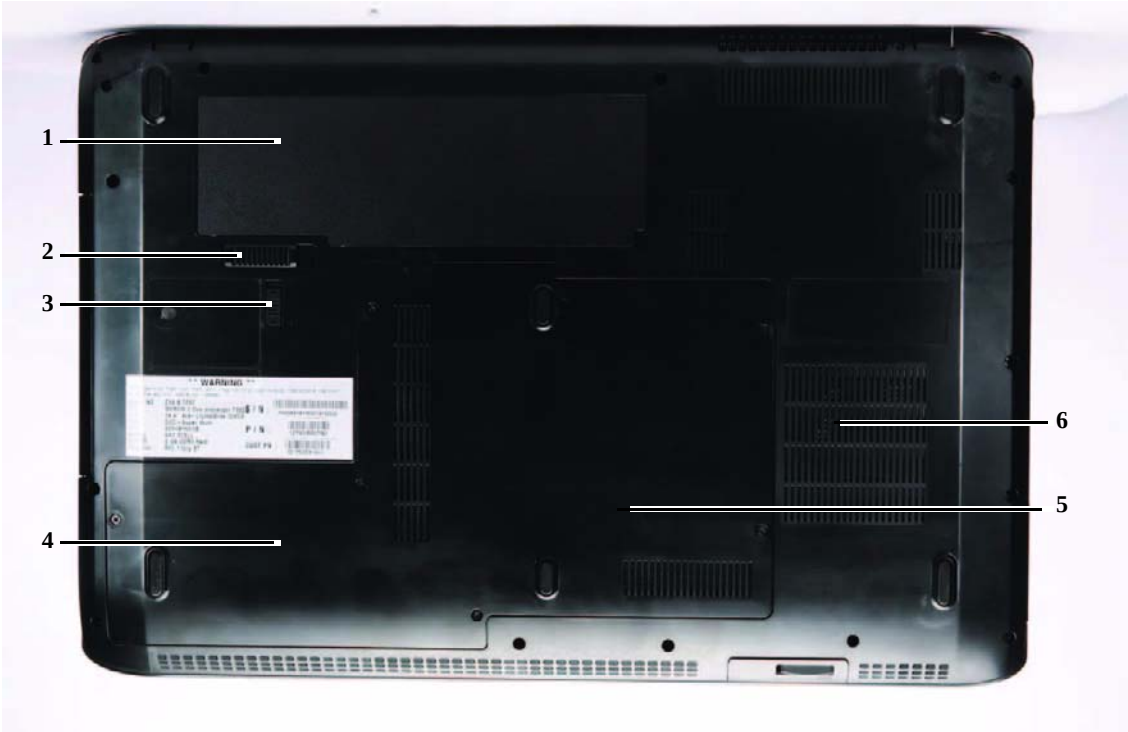
| #  | Icon                                                                                | Item                                                  | Description                                                                       |
|----|-------------------------------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------------------------------|
| 1  |    | DC-in jack                                            | Connects to an AC adapter.                                                        |
| 2  |    | Ethernet (RJ-45) port                                 | Connects to an Ethernet 10/100/1000-based network.                                |
| 3  |    | External display (VGA) port                           | Connects to a display device (e.g., external monitor, LCD projector).             |
| 4  | DISPLAY                                                                             | DISPLAY port                                          | Supports high definition digital video connections.                               |
| 5  | HDMI                                                                                | HDMI port                                             | Supports high definition digital video connections.                               |
| 6  | eSATA                                                                               | e SATA port                                           | Connects to eSATA devices (only for certain models).                              |
| 7  |  | USB 2.0 port                                          | Connects to USB 2.0 devices (e.g., USB mouse, USB camera).                        |
| 8  |  | 4-pin IEEE 1394 port                                  | Connects to IEEE 1394 devices.                                                    |
| 9  |  | Line-in jack                                          | Accepts audio line-in devices (e.g., audio CD player, stereo walkman, mp3 player) |
|    |  | Microphone-in jack                                    | Accepts inputs from external microphones.                                         |
|    |  | Headphones/ speaker/line-out jack with S/PDIF support | Connects to audio line-out devices (e.g., speakers, headphones).                  |
| 10 | Expresscard / 54                                                                    | ExpressCard/54 slot                                   | Accepts one ExpressCard/54 module.                                                |

# Right View



|   | Icon                                                                                                                                                                       | Item                          | Description                                                                                                                                                                                                                                                                                            |
|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 |                                                                                           | USB 2.0 port                  | Connects to USB 2.0 devices (e.g., USB mouse, USB camera).                                                                                                                                                                                                                                             |
| 2 |                                                                                                                                                                            | Optical drive                 | Internal optical drive; accepts CDs or DVDs.                                                                                                                                                                                                                                                           |
| 3 |                                                                                                                                                                            | Optical disk access indicator | Lights up when the optical drive is active.                                                                                                                                                                                                                                                            |
| 4 |                                                                                                                                                                            | Optical drive eject button    | Ejects the optical disk from the drive.                                                                                                                                                                                                                                                                |
| 5 |                                                                                                                                                                            | Emergency eject hole          | Ejects the optical drive tray when the computer is turned off.<br><b>Note:</b> Insert a paper clip to the emergency eject hole to eject the optical drive tray when the computer is off.                                                                                                               |
| 6 |                                                                                         | USB 2.0 port                  | Connects to USB 2.0 devices (e.g., USB mouse, USB camera).                                                                                                                                                                                                                                             |
| 7 |                                                                                         | RF-in port                    | Accepts input signals from digital TV tuner devices. (only for certain models)                                                                                                                                                                                                                         |
| 8 | <br> | Kensington lock slot          | Connects to a Kensington-compatible computer security lock.<br><b>Note:</b> Wrap the computer security lock cable around an immovable object such as a table or handle of a locked drawer. Insert the lock into the notch and turn the key to secure the lock. Some keyless models are also available. |

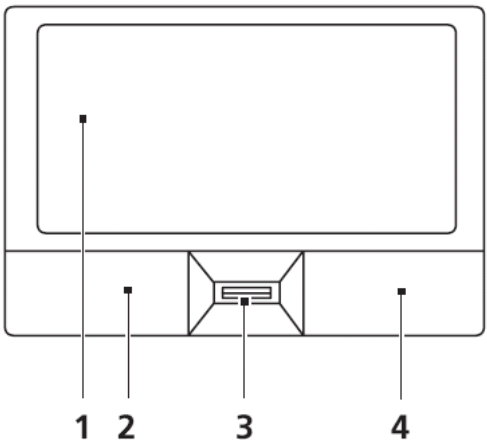
# Bottom View



|   | Icon                                                                                | Item                              | Description                                                                                                                  |
|---|-------------------------------------------------------------------------------------|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| 1 |  | Battery bay                       | Houses the computer's battery pack.                                                                                          |
| 2 |  | Battery release latch             | Releases the battery for removal.                                                                                            |
| 3 |  | Battery lock                      | Locks the battery in position.                                                                                               |
| 4 |  | Hard drive bay                    | Houses the computer's hard disk (secured with screws).                                                                       |
| 5 |  | Memory compartment                | Houses the computer's main memory                                                                                            |
| 6 |                                                                                     | Ventilation slots and cooling fan | Enable the computer to stay cool, even after prolonged use.<br><b>Note:</b> Do not cover or obstruct the opening of the fan. |

# TouchPad Basics

The following items show you how to use the TouchPad:



- Move your finger across the touchpad (1) to move the cursor.
- Press the left (2) and right (4) buttons located beneath the touchpad to perform selection and execution functions. These two buttons are similar to the left and right buttons on a mouse. Tapping on the touchpad is the same as clicking the left button.
- Use Acer Bio-Protection fingerprint reader (3) supporting Acer FingerNav 4-way control function (only for certain models) or the 4-way scroll (3) button (only for certain models) to scroll up or down and move left or right a page. This fingerprint reader or button mimics your cursor pressing on the right scroll bar of Windows applications.

| Function            | Left Button (2)                                                     | Right Button (4) | Main TouchPad (1)                                                                                                                        |
|---------------------|---------------------------------------------------------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Execute             | Quickly click twice.                                                |                  | Tap twice (at the same speed as double-clicking a mouse button).                                                                         |
| Select              | Click once.                                                         |                  | Tap once.                                                                                                                                |
| Drag                | Click and hold, then use finger on the TouchPad to drag the cursor. |                  | Tap twice (at the same speed as double-clicking a mouse button); rest your finger on the TouchPad on the second tap and drag the cursor. |
| Access context menu |                                                                     | Click once.      |                                                                                                                                          |

**NOTE:** When using the TouchPad, keep it - and your fingers - dry and clean. The TouchPad is sensitive to finger movement; hence, the lighter the touch, the better the response. Tapping too hard will not increase the TouchPad's responsiveness.

# Using the Keyboard

Your notebook features a full-size keyboard that functions the same as a desktop computer keyboard. Many of the keys have been assigned alternate functions, including shortcut keys for Windows, function keys for specific system operations, and the Num Lock keys for the numeric keypad.



## Key Types

The keyboard has several different types of keys. Some keys perform specific actions when pressed alone and other actions when pressed in combination with another key.

| Icon                                                                                | Key Type        | Description                                                                                                                                                                                                                                                 |
|-------------------------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                                                     | Function keys   | Press these keys labeled F1 to F12 to perform actions in programs. For example, pressing F1 may open help. Each program uses different function keys for different purposes. See the program documentation to find out more about the function key actions. |
|                                                                                     | System keys     | Press these colored keys in combination with the Fn key to perform specific actions. See “System Hotkeys” on page 14.                                                                                                                                       |
|                                                                                     | Navigation keys | Press these keys to move the cursor to the beginning of a line, to the end of a line, up the page, down the page, to the beginning of a document, or to the end of a document.                                                                              |
|                                                                                     | Fn key          | Press the Fn key in combination with a colored system key to perform a specific action.                                                                                                                                                                     |
|  | Windows key     | Press this key to open the Windows Start menu. This key can also be used in combination with other keys to open utilities. See “Windows Keys” on page 13.                                                                                                   |
|  | Application key | Press this key for quick access to shortcut menus and help assistants in Windows.                                                                                                                                                                           |
|  | Arrow keys      | Press these keys to move the cursor up, down, right, or left.                                                                                                                                                                                               |

# Windows Keys

The keyboard has two keys that perform Windows-specific functions.

| Key                                                                                           | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  Windows key | <p>Pressed alone, this key has the same effect as clicking on the Windows Start button; it launches the Start menu. It can also be used with other keys to provide a variety of functions:</p> <p>&lt;  &gt;: Open or close the Start menu</p> <p>&lt;  &gt; + &lt;D&gt;: Display the desktop</p> <p>&lt;  &gt; + &lt;E&gt;: Open Windows Explore</p> <p>&lt;  &gt; + &lt;F&gt;: Search for a file or folder</p> <p>&lt;  &gt; + &lt;G&gt;: Cycle through Sidebar gadgets</p> <p>&lt;  &gt; + &lt;L&gt;: Lock your computer (if you are connected to a network domain), or switch users (if you're not connected to a network domain)</p> <p>&lt;  &gt; + &lt;M&gt;: Minimizes all windows</p> <p>&lt;  &gt; + &lt;R&gt;: Open the Run dialog box</p> <p>&lt;  &gt; + &lt;T&gt;: Cycle through programs on the taskbar</p> <p>&lt;  &gt; + &lt;U&gt;: Open Ease of Access Center</p> <p>&lt;  &gt; + &lt;X&gt;: Open Windows Mobility Center</p> <p>&lt;  &gt; + &lt;BREAK&gt;: Display the System Properties dialog box</p> <p>&lt;  &gt; + &lt;SHIFT+M&gt;: Restore minimized windows to the desktop</p> <p>&lt;  &gt; + &lt;TAB&gt;: Cycle through programs on the taskbar by using Windows Flip 3-D</p> <p>&lt;  &gt; + &lt;SPACEBAR&gt;: Bring all gadgets to the front and select Windows Sidebar</p> <p>&lt;CTRL&gt; + &lt;  &gt; + &lt;F&gt;: Search for computers (if you are on a network)</p> <p>&lt;CTRL&gt; + &lt;  &gt; + &lt;TAB&gt;: Use the arrow keys to cycle through programs on the taskbar by using Windows Flip 3-D</p> <p><b>Note:</b> Depending on your edition of Windows Vista, some shortcuts may not function as described.</p> |

---

## System Hotkeys

The computer employs hotkeys or key combinations to access most of the computer's controls like screen brightness, Bluetooth and WiFi.

To activate hot keys, press and hold the <Fn> key before pressing the other key in the hotkey combination.

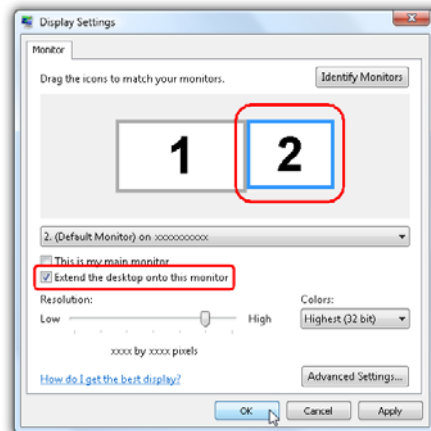
| Hotkey      | Icon                                                                              | Function                  | Remarks                                                                                       |
|-------------|-----------------------------------------------------------------------------------|---------------------------|-----------------------------------------------------------------------------------------------|
| Fn + F2     |  | System property           | Starts System Property for displaying system information.                                     |
| Fn + F4     |  | Sleep                     | Puts the computer in Sleep mode.                                                              |
| <Fn> + <F5> |  | Display toggle            | Switches display output between the display screen, external monitor (if connected) and both. |
| <Fn> + <F6> |  | Screen blank              | Turns the display screen backlight off to save power. Press any key to return.                |
| <Fn> + <F8> |  | Speaker toggle            | Turns the speakers on and off.                                                                |
| <Fn> + <F9> |  | Keyboard backlight toggle | Turns the keyboard backlight on or off.                                                       |
| <Fn> + <+>  |  | Brightness up             | Increases the screen brightness.                                                              |
| <Fn> + <->  |  | Brightness down           | Decreases the screen brightness.                                                              |

# Using the System Utilities

## Acer GridVista (dual-display compatible)

**NOTE:** This feature is only available on certain models.

To enable the dual monitor feature of the notebook, first ensure that the second monitor is connected, then select **Start, Control Panel, Display** and click on **Settings**. Select the secondary monitor (**2**) icon in the display box and then click the check box **Extend my windows desktop onto this monitor**. Finally, click **Apply** to confirm the new settings and click **OK** to complete the process.



Acer GridVista is a handy utility that offers four pre-defined display settings so you can view multiple windows on the same screen. To access this function, please go to **Start→ All Programs** and click on **Acer GridVista**. You may choose any one of the four display settings indicated below:

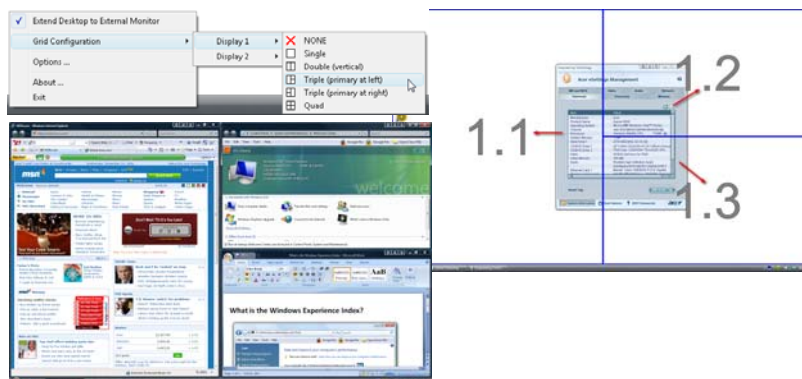


Double (vertical), Triple (primary at left), Triple (primary at right), or Quad Acer GridVista is dual-display compatible, allowing two displays to be partitioned independently.

Acer GridVista is dual-display compatible, allowing two displays to be partitioned independently.

AcerGridVista is simple to set up:

1. Run Acer GridVista and select your preferred screen configuration for each display from the task bar.
2. Drag and drop each window into the appropriate grid.
3. Enjoy the convenience of a well-organized desktop.



**NOTE:** Please ensure that the resolution setting of the second monitor is set to the manufacturer's recommended value.

# Hardware Specifications and Configurations

## Processor

| Item           | Specification                                                                                                                                         |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU            | Intel Penryn Dual Core/Quad Core                                                                                                                      |
| Type           | 2.0GHz ~ 2.93GHz CPU                                                                                                                                  |
| Core Logic     | <ul style="list-style-type: none"><li>Intel GMCH GM45</li><li>ICH9-M (South Bridge)</li><li>REALTEK ALC889X for High Definition Audio Codec</li></ul> |
| CPU Package    | uFCPGA-478                                                                                                                                            |
| Power          | Vcca 1.5V, Vccp 1.05V                                                                                                                                 |
| On-die Cache   | 3MB or 6MB L2 cache                                                                                                                                   |
| Front Side Bus | 667/800/1066 MHz                                                                                                                                      |
| Thermal IC     | Digital thermal sensor (DTS)                                                                                                                          |

## Processor Specifications

| Item  | CPU Speed | Cores | Bus Speed | Mfg Tech | Cache Size | Package             | Power (W) | Acer P/N     |
|-------|-----------|-------|-----------|----------|------------|---------------------|-----------|--------------|
| P7350 | 2.0 GHz   | 2     | 1066      | 45nm     | 3 MB       | 478-pin Micro-FCPGA | 25        | KC.73501.DPP |
| P7450 | 2.13 GHz  | 2     | 1066      | 45nm     | 3 MB       | 478-pin Micro-FCPGA | 25        | KC.74501.DPP |
| P8700 | 2.53 GHz  | 2     | 1066      | 45nm     | 3 MB       | 478-pin Micro-FCPGA | 25        | KC.87R01.DPP |
| P9500 | 2.53 GHz  | 2     | 1066      | 45nm     | 6 MB       | 478-pin Micro-FCPGA | 25        | KC.95E01.DPP |
| T6400 | 2.0 GHz   | 2     | 800       | 45nm     | 3 MB       | 478-pin Micro-FCPGA | 35        | KC.64001.DTP |
| T6600 | 2.2 GHz   | 2     | 800       | 45nm     | 2 MB       | 478-pin Micro-FCPGA | 35        | KC.66001.DTP |
| T9550 | 2.66 GHz  | 2     | 1066      | 45nm     | 6 MB       | 478-pin Micro-FCPGA | 35        | KC.95501.DTP |
| T9600 | 2.8 GHz   | 2     | 1066      | 45nm     | 6 MB       | 478-pin Micro-FCPGA | 35        | KC.96E01.DTP |
| T9800 | 2.93 GHz  | 2     | 1066      | 45nm     | 6 MB       | 478-pin Micro-FCPGA | 35        | KC.98E01.DTP |
| Q9000 | 2.0 GHz   | 4     | 1066      | 45nm     | 6 MB       | 478-pin Micro-FCPGA | 45        | KC.90001.QQP |
| P7550 | 2.26 GHz  | 2     | 1066      | 45nm     | 3 MB       | 478-pin Micro-FCPGA | N/A       | KC.75501.DPP |
| T6500 | 2.1 GHz   | 2     | 800       | 45nm     | 2 MB       | 478-pin Micro-FCPGA | N/A       | KC.65001.DTP |
| P8800 | 2.66 GHz  | 2     | 1066      | 45nm     | 3 MB       | 478-pin Micro-FCPGA | 25        | KC.88R01.DPP |

## CPU Fan True Value Table

| Fan On Temp (°C) | Fan Speed (rpm) | SPL Spec (dBA) |
|------------------|-----------------|----------------|
| 45               | 2350            | 31             |
| 55               | 2600            | 34             |
| 75               | 3150            | 38             |
| 95               | 3500            | 40             |

- Throttling 50%: On=105°C, Off=85°C
- OS Shutdown: 110°C
- H/W Shutdown: 110°C

---

### Northbridge

| Item    | Specification   |
|---------|-----------------|
| Chipset | Intel GMCH GM45 |
| Package | 1329-pin FCBGA  |

### Southbridge

| Item     | Specification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chipset  | ICH9-M                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Package  | 676 pins BGA, 31 mm x 31 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Features | <ul style="list-style-type: none"><li>• PCI Express Base Specification, Revision 1.1 support</li><li>• PCI Local Bus Specification, Revision 2.3 support</li><li>• ACPI Power Management Logic Support, Revision 3.0b</li><li>• Integrated SATA 4 ports and AHCI support.</li><li>• USB host interface with support for up to 12 USB ports (X6 UHCI; X2 EHCI)</li><li>• Integrated 10/100/1000 Gigabit Ethernet MAC with System Defense</li><li>• System Management Bus (SMBus2.0) Specification</li><li>• Supports Intel® High Definition Audio</li><li>• Supports Intel® Matrix Storage Technology (IMSM)</li><li>• Low Pin Count (LPC) interface</li><li>• FWH and SPI interface support</li><li>• Power: 5V for Reference on core well input</li></ul> |

## VGA Subsystem

| Item     | Specification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chipset  | <ul style="list-style-type: none"><li>Intel Cantiga GMCH GM45 for integrated system</li><li>MXM3.0 for discrete system</li></ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Vendor   | Intel / MSI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Features | <ul style="list-style-type: none"><li>Intel Cantiga<ul style="list-style-type: none"><li>Intel Gen 5.0 integrated graphics engine with 10 fully programmable cores</li><li>Estimated 533-MHz core render clock @ 1.05-V core voltage</li><li>Supports iHDMI/DVI, DP, TV-Out, LVDS, CRT and SDVO</li><li>Intel® Dynamic Video Memory Technology (Intel® DVM T 5.0)</li><li>Video Capture via x1 concurrent PCI Express port</li><li>PAVP (Protected Audio-Video Path) support for Protected Intel® HD Audio (Video and Audio)</li><li>Playback</li><li>High performance MPEG-2 decoding</li><li>WMV9 (VC-1) and H.264 (AVC) support</li><li>Hardware acceleration for MPEG2 VLD/iDCT</li><li>Microsoft DirectX*10 support</li><li>Blu-ray* support @ 40 Mb/s</li><li>Hardware motion compensation</li><li>Intermediate Z in classic rendering</li></ul></li><li>MXM 3.0<ul style="list-style-type: none"><li>GPU Product Name: AMD M96-XT</li><li>ASIC: BGA-962pin</li><li>VGA BUS Slot: MXM slot</li><li>MXM Type: MXM 3.0</li><li>Vorce: 1.20V</li><li>Engine Clock: 675MHz</li><li>Memory Clock: 800MHz</li><li>Memory Type: DDR3</li><li>Memory Amount: 1GB(64MBx16bit)</li><li>Memory Interface: 128bit</li><li>LVDS: Y</li><li>TMDS/HDMI: Y</li><li>TV: N</li><li>DP: Y</li><li>CRT: Y</li></ul></li></ul> |

## BIOS

| Item          | Specification    |
|---------------|------------------|
| BIOS vendor   | Insyde H20       |
| BIOS Version  | V0.07            |
| BIOS ROM type | Flash ROM W25x16 |
| Package       | 8-pin SOIC       |

| Item     | Specification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Features | <ul style="list-style-type: none"> <li>Flash ROM 1MB</li> <li>Support ISIPP</li> <li>Support Acer UI</li> <li>Support multi-boot</li> <li>Suspend to RAM (S3)/Disk (S4)</li> <li>Various hot-keys for system control</li> <li>Support SMBUS 2.0, PCI2.3</li> <li>ACPI 2.0 compliance with Intel Speed Step Support C1, C2, C3, C4, C6 and S3, S4 for mobile CPU</li> <li>DMI utility for BIOS serial number configurable/asset tag</li> <li>Support PXE</li> <li>Support Y2K solution</li> <li>Support Win Flash Wake on LAN from S3</li> <li>Wake on LAN form S4 in AC mode</li> <li>System information</li> </ul> |

#### System Memory

| Item                            | Specification            |
|---------------------------------|--------------------------|
| Memory controller               | Intel Cantiga with ICH9M |
| Memory size                     | 2GB                      |
| DIMM socket number              | 2                        |
| Supports memory size per socket | 2GB                      |
| Supports maximum memory size    | 4GB                      |
| Supports DIMM type              | DDRIII                   |
| Supports DIMM Speed             | 667/800/1066 MHz         |
| Supports DIMM voltage           | 1.5V                     |
| Cache                           | 4MB L2                   |

#### Memory Combinations

| Slot 1 | Slot 2 | Total Memory |
|--------|--------|--------------|
| 0MB    | 512MB  | 512MB        |
| 0MB    | 1024MB | 1024MB       |
| 0MB    | 2048MB | 2048MB       |
| 512MB  | 512MB  | 1024MB       |
| 512MB  | 1024MB | 1536MB       |
| 512MB  | 2048MB | 2560MB       |
| 1024MB | 0MB    | 1024MB       |
| 1024MB | 512MB  | 1536MB       |
| 1024MB | 1024MB | 2048MB       |
| 1024MB | 2048MB | 3072MB       |
| 2048MB | 0MB    | 2048MB       |
| 2048MB | 512MB  | 2560MB       |
| 2048MB | 1024MB | 3072MB       |
| 2048MB | 2048MB | 4096MB       |

**NOTE:** Above table lists some system memory configurations. You may combine DIMMs with various capacities to form other combinations. On above table, the configuration of slot 1 and slot 2 could be reversed.

## VGA controller

| Item        | Specification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| VGA Chipset | Built-in Intel GM45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Package     | 1329 FCBGA 37mm x 37mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Features    | <ul style="list-style-type: none"><li>• Intel Gen 5.0 integrated graphics engine with 10 fully programmable cores</li><li>• Estimated 533-MHz core render clock @ 1.05-V core voltage</li><li>• Intel® Dynamic Video Memory Technology (Intel® DVM T 5.0)</li><li>• High performance MPEG-2 decoding</li><li>• WMV9 (VC-1) and H.264 (AVC) support</li><li>• Hardware acceleration for MPEG2 VLD/iDCT</li><li>• Microsoft DirectX*10 support</li><li>• Blu-ray* support @ 40 Mb/s</li><li>• Hardware motion compensation</li><li>• Intermediate Z in classic rendering</li><li>• Analog CRT DAC Interface Support (300MHz DAC/up to QXGA/Hot-Plug)</li></ul> |
| Interface   | PCIe v1.1 bus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

| Item        | Specification                                                                                                                                                                                                                                                                                                               |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| VGA Chipset | AMD_M96-XT                                                                                                                                                                                                                                                                                                                  |
| Package     | MXM3.0 module                                                                                                                                                                                                                                                                                                               |
| Features    | <ul style="list-style-type: none"><li>• VRAM DDRII (500MHz) or GDDR3 (800MHz)</li><li>• VRAM size 1GByte</li><li>• Data width 128bits</li><li>• Support CRT/LVDS/HDMI/DP interface (concurrent)</li><li>• Dual-channel LVDS interface support: single channel 24 bpp dual link</li><li>• HDCP compliance embedded</li></ul> |
| Interface   | PCIe v1.1 bus                                                                                                                                                                                                                                                                                                               |

## LAN Interface

| Item               | Specification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LAN Chipset        | Broadcom BCM5784MKMLG for 10/100/1000LAN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Package            | 68-pin QFN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| LAN connector type | RJ11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Features           | <ul style="list-style-type: none"><li>• Integrated 10/100/1000BASE-T transceiver.</li><li>• Automatic MDI crossover function.</li><li>• PCIe v1.1 compliant.</li><li>• 10/100/1000BASE-T full-duplex/half-duplex MAC.</li><li>• Wake on LAN (WOL) support meeting the ACPI requirements.</li><li>• Statistics for SNMP MIB II, Ethernet-like MIB, and Ethernet MIB (IEEE 802.3z, Clause 30).</li><li>• Self-boot feature, utilizing smaller EEPROM size.</li><li>• Serial flash memory support.</li><li>• Hot plug support.</li><li>• PCI Express CLKREQ support.</li><li>• Energy Detect/Cable Sense.</li></ul> |

| Item      | Specification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Features  | <ul style="list-style-type: none"> <li>• Integrated 10/100/1000BASE-T transceiver</li> <li>• Automatic MDI crossover function</li> <li>• PCIe v1.1 compliant</li> <li>• 10/100/1000BASE-T full-duplex/half-duplex MAC</li> <li>• Receive side scaling (RSS) for multicore processors</li> <li>• Complies with IEEE 802.3, 802.3u, 802.3ab, and 802.1p</li> <li>• IPv4 and IPv6 large send offload and checksum offload (LSO/TCO)</li> <li>• Wake on LAN (WOL) support meeting the ACPI requirements</li> <li>• Statistics for SNMP MIB II, Ethernet-like MIB, and Ethernet MIB (IEEE 802.3z, Clause 30)</li> <li>• Self-boot feature, utilizing smaller EEPROM size</li> <li>• Serial flash memory support</li> <li>• PCI Express CLKREQ support</li> <li>• Energy Detect/Cable Sense</li> <li>• Super Low Power Mode, for ultra-low power consumption</li> </ul> |
| Interface | PCIe v1.1 bus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

#### Wireless Module 802.11b/g

| Item            | Specification                                                                                 |
|-----------------|-----------------------------------------------------------------------------------------------|
| Manufacturer    | Intel WiFi Link 5000 series                                                                   |
| Model           | Intel® WiFi Link 5100 and Intel® WiFi Link 5300 (Intel® WiFi Link 5300/5100) integrated Wi-Fi |
| Frequency Range | Automatic switching between the two band 2.4GHz and 5.0GHz                                    |
| Interface       | mini PCI Express card                                                                         |

#### Bluetooth

| Item                     | Specification                             |
|--------------------------|-------------------------------------------|
| Model                    | FoxConn T60H928.11 LF                     |
| Operating Frequency      | 2402 ~ 2480MHz ISM band                   |
| Channel Numbers          | 79 channels with 1MHz BW                  |
| Transmitter Output Power | -4~4dBm output power for class2 operation |
| Receiver Sensitivity     | -78dBm @ 0.1% BER(Max)                    |
| Maximum Receiver Signal  | -10dBm                                    |
| Operating Voltage        | 3.3V+/-0.3V                               |
| Interface                | USB                                       |

#### Modem

| Item         | Specification                          |
|--------------|----------------------------------------|
| Model        | Liteon D-1156U#/A9B                    |
| Interface    | Two-chip USB 2.0                       |
| Package      | SV92U2 host interface in a 48-pin TQFP |
| Power supply | USB supply voltage 5.0V±0.5V           |

### Hard Disk Drive Interface

| Item                                    | Specification |              |              |                             |                             |                           |
|-----------------------------------------|---------------|--------------|--------------|-----------------------------|-----------------------------|---------------------------|
| Vendor                                  | Seagate       |              |              |                             |                             |                           |
| Model Name                              | ST9320-320AS  | ST9250-320AS | ST9200-321AS | ST9160310AS<br>ST9160310ASG | ST9120310AS<br>ST9120310ASG | ST980310AS<br>ST980310ASG |
| Capacity (MB)                           | 320           | 250          | 200          | 160                         | 120                         | 80                        |
| Bytes per sector                        | 512           |              |              |                             |                             |                           |
| Data heads                              | 4             | 4 or 3       | 3            | 2                           | 2                           | 1                         |
| Drive Format                            |               |              |              |                             |                             |                           |
| Disks                                   | 2             | 2            | 2            | 1                           | 1                           | 1                         |
| Spindle speed (RPM)                     | 5,400         |              |              |                             |                             |                           |
| Performance Specifications              |               |              |              |                             |                             |                           |
| Buffer size                             | 8MB           |              |              |                             |                             |                           |
| Interface                               | SATA          |              |              |                             |                             |                           |
| Internal transfer rate (Mbits/sec max)  | 830           |              |              |                             |                             |                           |
| I/O data transfer rate (Mbytes/sec max) | 300           |              |              |                             |                             |                           |
| DC Power Requirements                   |               |              |              |                             |                             |                           |
| Voltage tolerance                       | 5V(DC) +/- 5% |              |              |                             |                             |                           |

### Hard Disk Drive Interface (cont'd.)

| Item                       | Specification               |                             |                             |                             |             |
|----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-------------|
| Vendor                     | Seagate                     |                             |                             |                             |             |
| Model Name                 | ST9500325AS<br>ST9500325ASG | ST9320325AS<br>ST9320325ASG | ST9250315AS<br>ST9250315ASG | ST9160314AS<br>ST9160314ASG | ST9120315AS |
| Capacity (MB)              | 500                         | 320                         | 250                         | 160                         | 120         |
| Bytes per sector           | 512                         |                             |                             |                             |             |
| Data heads                 | 4                           | 3                           | 2                           | 2                           | 1           |
| Drive Format               |                             |                             |                             |                             |             |
| Disks                      | 2                           | 2                           | 1                           | 1                           | 1           |
| Spindle speed (RPM)        | 5,400                       |                             |                             |                             |             |
| Performance Specifications |                             |                             |                             |                             |             |
| Buffer size                | 8MB                         |                             |                             |                             |             |
| Interface                  | SATA                        |                             |                             |                             |             |

---

| Item                                    | Specification |
|-----------------------------------------|---------------|
| Internal transfer rate (Mbits/sec max)  | 1175          |
| I/O data transfer rate (Mbytes/sec max) | 300           |
| DC Power Requirements                   |               |
| Voltage tolerance                       | 5V(DC) +/- 5% |

---

**Hard Disk Drive Interface (cont)**

| Item                                    | Specifications      |               |               |               |               |
|-----------------------------------------|---------------------|---------------|---------------|---------------|---------------|
| Vendor & Model Name                     | WD WD800BEVT        | WD WD1200BEVT | WD WD1600BEVT | WD WD2500BEVT | WD WD3200BEVT |
| Capacity (MB)                           | 80                  | 120           | 160           | 250           | 320           |
| Bytes per sector                        | 512                 |               |               |               |               |
| Data heads                              | 1                   | 2             | 2             | 3             | 4             |
| Drive Format                            |                     |               |               |               |               |
| Disks                                   | 1                   | 1             | 1             | 2             | 2             |
| Spindle speed (RPM)                     | 5400                |               |               |               |               |
| Performance Specifications              |                     |               |               |               |               |
| Buffer size                             | 8MB                 |               |               |               |               |
| Interface                               | SATA                |               |               |               |               |
| Internal transfer rate (Mbits/sec, max) | 3GB/s maximum       |               |               |               |               |
| I/O data transfer rate (Mbytes/sec max) | 850 Mbits/s maximum |               |               |               |               |
| DC Power Requirements                   |                     |               |               |               |               |
| Voltage                                 | +5.0V ± 5%.         |               |               |               |               |

### Hard Disk Drive Interface (cont)

| Item                                    | Specifications                      |                                     |                                     |                                     |                                     |                                     |
|-----------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Vendor & Model Name                     | HTS545050B9 A300 / HTS545050B9 SA00 | HTS545040B9 A300 / HTS545040B9 SA00 | HTS545032B 9A300 / HTS545032B 9SA00 | HTS545025B 9A300 / HTS545025B 9SA00 | HTS545016B9 A300 / HTS545016B9 SA00 | HTS545012B 9A300 / HTS545012B 9SA00 |
| Capacity (MB)                           | 500                                 | 400                                 | 320                                 | 250                                 | 160                                 | 120                                 |
| Bytes per sector                        | 512                                 |                                     |                                     |                                     |                                     |                                     |
| Data heads                              | 4                                   | 4                                   | 3                                   | 2                                   | 2                                   | 1                                   |
| Drive Format                            |                                     |                                     |                                     |                                     |                                     |                                     |
| Disks                                   | 2                                   | 2                                   | 2                                   | 1                                   | 1                                   | 1                                   |
| Spindle speed (RPM)                     | 5400                                |                                     |                                     |                                     |                                     |                                     |
| Performance Specifications              |                                     |                                     |                                     |                                     |                                     |                                     |
| Buffer size                             | 8MB                                 |                                     |                                     |                                     |                                     |                                     |
| Interface                               | SATA                                |                                     |                                     |                                     |                                     |                                     |
| Internal transfer rate (Mbits/sec, max) | 3GB/s maximum                       |                                     |                                     |                                     |                                     |                                     |
| I/O data transfer rate (Mbytes/sec max) | 875 Mbits/s maximum                 |                                     |                                     |                                     | 845 Mbits/s maximum                 | 875 Mbits/s maximum                 |
| DC Power Requirements                   |                                     |                                     |                                     |                                     |                                     |                                     |
| Voltage                                 | +5.0V ± 5%.                         |                                     |                                     |                                     |                                     |                                     |

**Hard Disk Drive Interface (cont)**

| Item                                    | Specifications                     |                                    |                                    |                                    |                                   |
|-----------------------------------------|------------------------------------|------------------------------------|------------------------------------|------------------------------------|-----------------------------------|
| Vendor & Model Name                     | HTS543232L9 A300, HTS543232L9 SA00 | HTS543225L9 A300, HTS543225L9 SA00 | HTS543216L9 A300, HTS543216L9 SA00 | HTS543212L9 A300, HTS543212L9 SA00 | HTS543280L9A300 , HTS543280L9SA00 |
| Capacity (MB)                           | 320                                | 250                                | 160                                | 120                                | 80                                |
| Bytes per sector                        | 512                                |                                    |                                    |                                    |                                   |
| Data heads                              | 4                                  | 3                                  | 2                                  | 2                                  | 1                                 |
| Drive Format                            |                                    |                                    |                                    |                                    |                                   |
| Disks                                   | 2                                  | 2                                  | 1                                  | 1                                  | 1                                 |
| Spindle speed (RPM)                     | 5400                               |                                    |                                    |                                    |                                   |
| Performance Specifications              |                                    |                                    |                                    |                                    |                                   |
| Buffer size                             | 8MB                                |                                    |                                    |                                    |                                   |
| Interface                               | SATA                               |                                    |                                    |                                    |                                   |
| Internal transfer rate (Mbits/sec, max) | 1.5/3GB/s maximum                  |                                    |                                    |                                    |                                   |
| I/O data transfer rate (Mbytes/sec max) | 729                                | 775                                | 729                                | 674                                | 729                               |
| DC Power Requirements                   |                                    |                                    |                                    |                                    |                                   |
| Voltage                                 | +5.0V ± 5%.                        |                                    |                                    |                                    |                                   |

---

**Hard Disk Drive Interface (cont)**

| Item                                    | Specifications         |                   |                        |
|-----------------------------------------|------------------------|-------------------|------------------------|
| Vendor & Model Name                     | Toshiba MK5055/2555GSX | Toshiba MK4055GSX | Toshiba MK3255/1655GSX |
| Capacity                                | 500/250GB              | 400GB             | 320/160GB              |
| Bytes per sector                        | 512                    |                   |                        |
| Data heads                              | 4/2                    | 4                 | 4/2                    |
| Drive Format                            |                        |                   |                        |
| Disks                                   | 2/1                    | 2                 | 2/1                    |
| Spindle speed (RPM)                     | 5400                   |                   |                        |
| Performance Specifications              |                        |                   |                        |
| Buffer size                             | 8MB                    |                   |                        |
| Interface                               | SATA                   |                   |                        |
| Internal transfer rate (Mbits/sec, max) | 363 ~ 952 typical      |                   |                        |
| I/O data transfer rate (Mbytes/sec max) | 3Gbits/s               |                   |                        |
| DC Power Requirements                   |                        |                   |                        |
| Voltage                                 | +5.0V ± 5%.            |                   |                        |

## Super-Multi Drive Module

| Item                      | Specification                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                 |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Vendor & model name       | HLDS/GSA-T50                                                                                                                                                                                                                                                                                                                                                                                                                                    | Toshiba TS-L633B                |
| Performance Specification | With CD Diskette                                                                                                                                                                                                                                                                                                                                                                                                                                | With DVD Diskette               |
| Transfer rate (MB/sec)    | Sustained:<br>Max 3.5 Mbytes/sec                                                                                                                                                                                                                                                                                                                                                                                                                | Sustained:<br>Max 10 Mbytes/sec |
| Buffer Memory             | 2MB                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                 |
| Interface                 | SATA                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                 |
| Applicable disc format    | Applicable media types:<br><b>Writing:</b><br>Confirms to DVD+R Version 1.2 and DVD+RW Version 1.3 / DVD+R DL Version 1.0 /DVD-R Version 2.0 / DVD-RW Version 1.2 / DVD-R DL Version 3.0.<br><b>Reading:</b><br>DVD single/dual layer (PTP, OTP), DVD-R single/dual layer<br>DVD+R single/double layer<br>DVD-RW<br>DVD+RW<br>CD-DA<br>CD-ROM<br>CD-ROM/XA<br>Photo-CD, Multi-session, Video CD<br>CD-I FMV, CD Extra, CD Plus, CD-R, and CD-RW |                                 |
| Loading mechanism         | Drawer (Solenoid Open)<br>Tact SW (Open)<br>Emergency Release (draw open hole)                                                                                                                                                                                                                                                                                                                                                                  |                                 |
| Power Requirement         |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                 |
| Input Voltage             | DC 5 V +/- 5%                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                 |

| Item                      | Specification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                             |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| Vendor & model name       | SONY AD-7583S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                             |
| Performance Specification | With CD Diskette                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | With DVD Diskette           |
| Transfer rate (MB/sec)    | Sustained:<br>3650 (max.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Sustained:<br>10,993 (max.) |
| Buffer Memory             | 2 MB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |
| Interface                 | SATA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                             |
| Applicable disc format    | <p><b>Write:</b><br/>DVD Data &amp; Video<br/>CD-DA, CD-ROM Mode-1, CD-ROM/XA Mode-2 Form-1 and Mode-2 Form-2, CD-i, Video-CD, CD-Text</p> <p><b>Read:</b><br/>DVD-ROM (DVD-5, DVD-9, DVD-10, DVD-18), DVD-Video, DVD-Audio, SACD (Hybrid), UDF DVD, DVD-R, DVD-R DL, DVD-R 3.95 GB, DVD-R Authoring, DVD-R Multi-Border, DVD-RW, DVD+R, DVD+R DL, DVD+R Multi-Session, DVD+RW, DVD-RAM V1.0, DVD-RAM V2.0 &amp; 2.1 &amp; 2.2<br/>CD-DA, CD-ROM Mode-1, CD-ROM/XA Mode-2 Form-1 and Mode-2 Form-2, CD-i, CD-i Bridge, Video-CD (MPEG-1), Karaoke CD, Photo-CD, Enhanced CD, CD Plus, CD Extra, itrax CD, CD-Text, UDF CD, CD-R, and CD-RW</p> |                             |

| Item              | Specification                                                                  |
|-------------------|--------------------------------------------------------------------------------|
| Loading mechanism | Drawer (Solenoid Open)<br>Tact SW (Open)<br>Emergency Release (draw open hole) |
| Power Requirement |                                                                                |
| Input Voltage     | DC 5 V +/- 5%                                                                  |

#### Blue-Ray Combo Drive Module

| Item                      | Specification                                                                                                                                                                                                                                                                                                                            |                                 |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|
| Vendor & model name       | Sony BC-5500S                                                                                                                                                                                                                                                                                                                            |                                 |
| Performance Specification | With CD Diskette                                                                                                                                                                                                                                                                                                                         | With DVD Diskette               |
| Transfer rate (MB/sec)    | Sustained:<br>Max 2.4 Mbytes/sec                                                                                                                                                                                                                                                                                                         | Sustained:<br>Max 11 Mbytes/sec |
| Buffer Memory             | 4.5 MB                                                                                                                                                                                                                                                                                                                                   |                                 |
| Interface                 | SATA                                                                                                                                                                                                                                                                                                                                     |                                 |
| Applicable disc format    | Applicable media types:<br>BD-ROM (Single and Dual Layer)<br>BD-R (Single and Dual Layer)<br>BD-RE (Single and Dual Layer)<br>DVD-ROM (Single and Dual Layer)<br>DVD+R (Single and Double Layer)<br>DVD-R (Single and Dual Layer)<br>DVD+RW (Single Layer) and DVD-RW (Single Layer) discs<br>DVD-RAM (Ver.2)<br>CD-ROM<br>CD-R<br>CD-RW |                                 |
| Loading mechanism         | Drawer (Solenoid Open), Tact SW (Open), Emergency Release (draw open hole)                                                                                                                                                                                                                                                               |                                 |
| Power Requirement         |                                                                                                                                                                                                                                                                                                                                          |                                 |
| Input Voltage             | DC 5 V +/- 5%                                                                                                                                                                                                                                                                                                                            |                                 |

| Item                      | Specification                                                                                                                                                                                                                                                                                                                                                                     |                             |                             |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------|
| Vendor & model name       | PLDS BD Combo DS-4E1S                                                                                                                                                                                                                                                                                                                                                             |                             |                             |
| Performance Specification | With CD Diskette                                                                                                                                                                                                                                                                                                                                                                  | With DVD Diskette           | Blueray                     |
| Transfer rate (KB/sec)    | Sustained:<br>3,500 (min.)                                                                                                                                                                                                                                                                                                                                                        | Sustained:<br>10,000 (min.) | Sustained:<br>18,000 (min.) |
| Buffer Memory             | 2 MB                                                                                                                                                                                                                                                                                                                                                                              |                             |                             |
| Interface                 | SATA                                                                                                                                                                                                                                                                                                                                                                              |                             |                             |
| Applicable disc format    | CD-DA, CD-TEXT, CD ROM Mode-1, CD-ROM/XA Mode-2 Form-1 and Form-2, CD-I Ready, Video-CD (MPEG-1), Photo-CD, Enhance CD, CD extra, I-Trax CD and UDF DVD-ROM, DVD-Video, DVD-Audio, DVD-R single/multi border(s) DVD+R single/multi session(s) DVD-RW DVD+RW DVD-RAM BD-ROM ver2.0, UDF2.5 BD-R ver1.0 and ver2.0, UDF2.5 BD-RE ver2.0 and ver3.0, UDF2.5 BD-hybrid (only BD part) |                             |                             |
| Loading mechanism         | Drawer (Solenoid Open), Tact SW (Open), Emergency Release (draw open hole)                                                                                                                                                                                                                                                                                                        |                             |                             |
| Power Requirement         |                                                                                                                                                                                                                                                                                                                                                                                   |                             |                             |
| Input Voltage             | DC 5 V +/- 5%                                                                                                                                                                                                                                                                                                                                                                     |                             |                             |

## Audio Interface

| Item     | Specification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Chipset  | REALTEK ALC889X for High Definition Audio Codec                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Package  | 48-pin LQFP 'green' package                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Features | <ul style="list-style-type: none"><li>• High performance DACs with 108dB signal-to-noise ratio</li><li>• High performance ADCs with 104dB signal-to-noise ratio</li><li>• Meets Microsoft WLP 3.0x and future WLP4.0 Premium requirements</li><li>• Ten DAC channels support 16/20/24-bit PCM format for 7.1 sound playback, plus 2 channels of concurrent independent stereo sound output (multiple streaming) through the front panel output</li><li>• Three stereo ADCs support 16/20/24-bit PCM format, multiple stereo recording</li><li>• All DACs supports 44.1k/48k/88.2k/96k/176.4k/192kHz sample rate</li><li>• All ADCs supports 44.1k/48k/88.2k/96k/176.4k/192kHz sample rate</li><li>• Primary 16/20/24-bit S/PDIF-OUT supports 32k/44.1k/48k/88.2k/96k/192kHz sample rate</li><li>• Secondary 16/20/24-bit S/PDIF-OUT supports 32k/44.1k/48k/88.2k/96k/192kHz sample rate</li><li>• 16/20/24-bit S/PDIF-OUT supports 32k/44.1k/48k/88.2k/96k/192kHz sample rate</li><li>• All analog jacks (port-A to port-G) are stereo input and output re-tasking</li><li>• Port-A/B/C/D/E/F/ built-in headphone amplifiers</li><li>• Port-B/C/E/F with software selectable boost gain (+10/+20/+30dB) for analog microphone input</li><li>• High-quality analog differential CD input</li><li>• Supports external PCBEEP input and built-in digital BEEP generator</li><li>• Software selectable 2.5V/3.2V/4.0V VREFOUT</li><li>• Up to four channels of microphone array input are supported for AEC/BF application</li><li>• Two jack detection pins each designed to detect up to 4 jacks plugging</li><li>• Supports analog GPIO2 to be jack detection for CD input which is used as 9th analog port</li><li>• Supports legacy analog mixer architecture</li><li>• Up to 3 GPIOs for customized applications. GPIO0 and GPIO1 share pin with DMIC-CLK and DMIC-DATA</li><li>• Supports mono and stereo digital microphone interface (pins shared with GPIO0 and GPIO1)</li><li>• Supports anti-pop mode when analog power AVDD is on and digital power is off</li><li>• Content Protection for Full Rate lossless Audio content playback (with selected versions of WinDVD/PowerDVD)</li><li>• Stereo DSD (Direct Stream Digital) playback and recording converters are integrated</li><li>• Zero-Detect output volume control</li><li>• 1dB per step output volume and input volume control</li><li>• Supports 3.3V digital core power, 1.5V or 3.3V digital I/O power for HD Audio link and 5.0V analog power</li></ul> |

### Audio Amplifier

| Item     | Specification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model    | Panasonic 12947A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Package  | 48 pins QFP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Features | <ul style="list-style-type: none"><li>• Microsoft Windows Vista Compliant</li><li>• High +90dB PSRR, Low -80dB THD+N</li><li>• Class AB 2.2W (max.) Stereo BTL Speaker Amplifier</li><li>• Built-in direct drive headphone amplifier within charge pump</li><li>• AGC adjusted circuit function implement</li><li>• STBY function support on speaker and headphone (countermeasure pop noise)</li><li>• RF noise prevention</li><li>• Built-in over current protection</li><li>• External adjustable speaker and headphone amplifier gain</li></ul> |

### Subwoofer Speaker

| Item             | Specification                                                                                                                                                                                                                                                                                                                                                                            |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Vendor and Model | Maxim MAX9737                                                                                                                                                                                                                                                                                                                                                                            |
| Package          | 24pins TQFN                                                                                                                                                                                                                                                                                                                                                                              |
| Features         | <ul style="list-style-type: none"><li>• Spread-spectrum modulation enable for low EMI solution</li><li>• High PSRR 80dB</li><li>• Up to 88% efficiency eliminate heatsink</li><li>• Thermal and Output current protection</li><li>• Shut-down mode current &lt;1uA</li><li>• Click and pop suppression</li><li>• Turn on time &lt; 10ms</li><li>• Support 3W/4ohm power output</li></ul> |
| Power supply     | 8~28V                                                                                                                                                                                                                                                                                                                                                                                    |

### Front Speaker

| Item             | Specification                                                                                                                                                                                               |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Vendor and Model | GMT 1453L                                                                                                                                                                                                   |
| Package          | 16 pins TQFN                                                                                                                                                                                                |
| Weight           | <ul style="list-style-type: none"><li>• Support 2W/4ohm power output</li><li>• Depop circuitry integrated</li><li>• Stereo bridge-tied load (BTL)</li><li>• Shut-down control available (&lt;1uA)</li></ul> |
| Power supply     | +5V                                                                                                                                                                                                         |

### Center Speaker

| Item             | Specification                                                                                                                                                                                                |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Vendor and Model | GMT 1442                                                                                                                                                                                                     |
| Package          | 8 pins TDFN                                                                                                                                                                                                  |
| Weight           | <ul style="list-style-type: none"><li>• Support 2W/4ohm power output</li><li>• Depop circuitry integrated</li><li>• Stereo bridge-tied load (BTL)</li><li>• Shut-down control available (&lt;1uA))</li></ul> |

## Digital Camera

| Item       | Specification                                                                                                                                                             |
|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sensor     | CMOS 1 Mega Pixel with WXGA (1280 x 800 pixels)                                                                                                                           |
| Pixel Size | 3.0um X3.0um                                                                                                                                                              |
| Image Size | 3.89mm(H) X 2.43mm(V)                                                                                                                                                     |
| Interface  | USB 2.0 high-speed                                                                                                                                                        |
| Optics     | <ul style="list-style-type: none"><li>Optical aperture of F/2.0</li><li>Focusing range of 40 cm to Infinity</li><li>Dimension (L x W x H mm ): 65 X 9.0X 5.25mm</li></ul> |

## Power and Keyboard Controller

| Item                    | Specification                    |
|-------------------------|----------------------------------|
| Controller              | KB926                            |
| Total number of keypads |                                  |
| Windows logo key        | Yes                              |
| Hotkeys                 | See “System Hotkeys” on page 14. |

## Battery

| Item                  | Specification                                                   |                                                                 |
|-----------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|
|                       | 6 Cell                                                          | 8 Cell                                                          |
| Vendor & model name   | SONY AS-2007B/SIMPLO AS-2007B/SANYO AS-2007B/PANASONIC AS-2007B | SONY AS-2007B/SIMPLO AS-2007B/SANYO AS-2007B/PANASONIC AS-2007B |
| Battery Type          | Li-ion                                                          | Li-ion                                                          |
| Pack capacity         | 4400 mAh                                                        | 4800 mAh                                                        |
| Normal Voltage        | 11.1V                                                           | 14.8                                                            |
| Charge Voltage        | 12.6V                                                           | 12.6V                                                           |
| Fast Charge Current   | 2.94~3.5A                                                       | 3.1A                                                            |
| Package configuration | 3S2P                                                            | 4S2P                                                            |

## LCD

| Item                                                                  | Specification                    |
|-----------------------------------------------------------------------|----------------------------------|
| Vendor/model name                                                     | Chi Mei Optoelectronics - N184H6 |
| Screen Diagonal (mm)                                                  | 18.47"                           |
| Display Area (mm)                                                     | 408.96 (H) x 230.04 (V) mm       |
| Display resolution (pixels)                                           | Full HD (1920 x 1080)            |
| Pixel Pitch                                                           | 0.213 (H) x 0.213 (V) mm         |
| Display Mode                                                          | FHD (1920 x 1080)                |
| Typical White Luminance (cd/m <sup>2</sup> ) (also called Brightness) | 220                              |
| Contrast Ratio                                                        | 650                              |
| Response Time (Optical Rise Time/Fall Time) msec                      | 2ms / 6ms                        |
| Input Voltage                                                         | 3.3V                             |
| Typical Power Consumption (watt)                                      | 4.6W                             |
| Weight                                                                | 650g                             |

| Item                           | Specification                  |
|--------------------------------|--------------------------------|
| Physical Size (mm)             | 422.5 (H) x 248 (V) x 6 (D) mm |
| Electrical Interface           | 40-pin LVDS                    |
| Support Color                  | 262,144 colors                 |
| Viewing Angle (minimum degree) |                                |
| Horizontal (Right)             | 45                             |
| CR = 10 (Left)                 | 45                             |
| Vertical (Upper)               | 25                             |
| CR = 10 (Lower)                | 45                             |
| Temperature Range (°C)         |                                |
| Operating                      | 0 ~ 50                         |
| Storage (shipping)             | -20 ~ 60                       |

#### Card Reader

| Item                      | Specification                                                                                                                                                                                                                                                                         |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Name                 | O2 OZ888GS                                                                                                                                                                                                                                                                            |
| Package                   | 64 pins QFN                                                                                                                                                                                                                                                                           |
| Features                  | <ul style="list-style-type: none"> <li>Fully Compliant with Provisions of IEEE Std 1394-1995 for a High-Performance Serial Bus and IEEE</li> <li>Std 1394a-2000 (1394 Open Host Controller Interface Specification 1.1)</li> <li>Support SD Host specv2.0/MMC/MS/MS-PRO/xD</li> </ul> |
| Interface                 | PCI Express v1.1 standard                                                                                                                                                                                                                                                             |
| Power Management Features | Active States Power Management (ASPM)                                                                                                                                                                                                                                                 |

#### Express Card

| Item         | Specification                                                                        |
|--------------|--------------------------------------------------------------------------------------|
| Interface    | USB or PCI-express                                                                   |
| Slot type    | 34 or 54                                                                             |
| Features     | <ul style="list-style-type: none"> <li>Follows ExpressCard standard specs</li> </ul> |
| Power Switch | G577DSR91U                                                                           |
| Package      | TQFN 20-pin                                                                          |



# System Utilities

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## BIOS Setup Utility

The BIOS Setup Utility is a hardware configuration program built into your computer's BIOS (Basic Input/Output System).

Your computer is already properly configured and optimized, and you do not need to run this utility. However, if you encounter configuration problems, you may need to run Setup. Please also refer to Chapter 4 Troubleshooting when problem arises.

To activate the BIOS Utility, press **F2** during POST (when "Press <F2> to enter Setup" message is prompted on the bottom of screen).

Press **F2** to enter setup. The default parameter of F12 Boot Menu is set to "disabled". If you want to change boot device without entering BIOS Setup Utility, please set the parameter to "enabled".

Press <F12> during POST to enter multi-boot menu. In this menu, user can change boot device without entering BIOS SETUP Utility.

## Navigating the BIOS Utility

There are six menu options: Information, Main, Advanced, Security, Boot, and Exit.

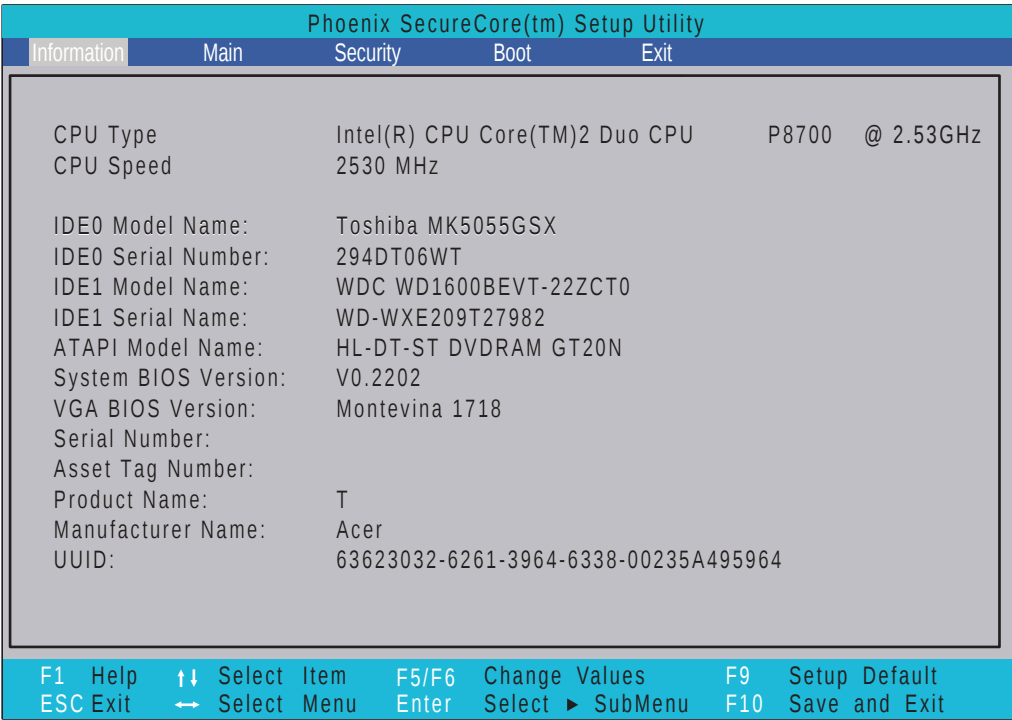
Follow these instructions:

- To choose a menu, use the left and right arrow keys.
- To choose an item, use the up and down arrow keys.
- To change the value of a parameter, press **F5** or **F6**.
- A plus sign (+) indicates the item has sub-items. Press **Enter** to expand this item.
- Press **Esc** while you are in any of the menu options to go to the Exit menu.
- In any menu, you can load default settings by pressing **F9**. You can also press **F10** to save any changes made and exit the BIOS Setup Utility.

**NOTE:** You can change the value of a parameter if it is enclosed in square brackets. Navigation keys for a particular menu are shown on the bottom of the screen. Help for parameters are found in the Item Specific Help part of the screen. Read this carefully when making changes to parameter values. **Please note that system information is subject to different models.**

# Information

The Information screen displays a summary of your computer hardware information.



**NOTE:** The screen above is for your reference only. Actual values may differ according to model.

The table below describes the parameters in this screen.

| Parameter           | Description                                                                                                                                                                                              |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU Type            | This field shows the CPU type and speed of the system.                                                                                                                                                   |
| CPU Speed           | This field shows the speed of the CPU.                                                                                                                                                                   |
| IDE Model Name      | This field shows the model name of HDD installed on primary IDE master.                                                                                                                                  |
| IDE Serial Number   | This field displays the serial number of HDD installed on primary IDE master.                                                                                                                            |
| ATAPI Model Name    | This field shows the model name of the Optical device installed in the system.                                                                                                                           |
| System BIOS Version | Displays system BIOS version.                                                                                                                                                                            |
| VGA BIOS Version    | This field displays the VGA firmware version of the system.                                                                                                                                              |
| Serial Number       | This field displays the serial number of this unit.                                                                                                                                                      |
| Asset Tag Number    | This field displays the asset tag number of the system.                                                                                                                                                  |
| Product Name        | This field shows product name of the system.                                                                                                                                                             |
| Manufacturer Name   | This field displays the manufacturer of this system.                                                                                                                                                     |
| UUID                | Universally Unique Identifier (UUID) is an identifier standard used in software construction, standardized by the Open Software Foundation (OSF) as part of the Distributed Computing Environment (DCE). |

# Main

The Main screen allows the user to set the system time and date as well as enable and disable boot option and recovery.

| Phoenix SecureCore(tm) Setup Utility                                                                                                                                                                                                                                                                                |                |                        |                   |                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------|-------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Information                                                                                                                                                                                                                                                                                                         | Main           | Security               | Boot              | Exit                                                                                                                                |
| <div>System Time: [19:10:59]<br/>System Date: [01/09/2009]<br/><br/>Total Memory: 4030 MB<br/>Video Memory: 512 MB<br/><br/>Quiet Boot: [Enabled]<br/>Network Boot: [Enabled]<br/>F12 Boot Menu: [Disabled]<br/>D2D Recovery: [Enabled]<br/>SATA Mode: [AHCI Mode]<br/><br/>Switchable Graphics: [SG Enabled]</div> |                |                        |                   | <div>Item Specific Help<br/><br/>This is the help for the hour field. Valid range is from 0 to 23.<br/>INCREASE/REDUCE: F5/F6</div> |
| F1 Help                                                                                                                                                                                                                                                                                                             | ↑↓ Select Item | F5/F6 Change Values    | F9 Setup Default  |                                                                                                                                     |
| ESC Exit                                                                                                                                                                                                                                                                                                            | ←→ Select Menu | Enter Select ► SubMenu | F10 Save and Exit |                                                                                                                                     |

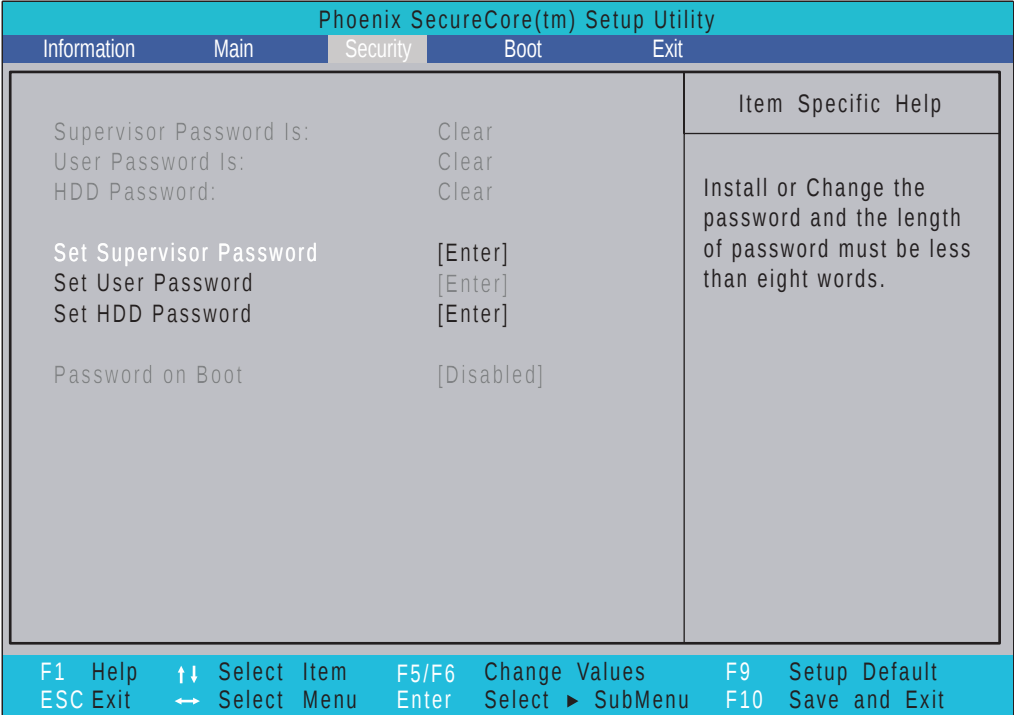
**NOTE:** The screen above is for your reference only. Actual values may differ.

The table below describes the parameters in this screen.

| Parameter           | Description                                                                                                                                                                                 | Format/Option                                         |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| System Time         | Sets the system time. The hours are displayed with 24-hour format.                                                                                                                          | Format: HH:MM:SS (hour:minute:second)                 |
| System Date         | Sets the system date.                                                                                                                                                                       | Format MM/DD/YYYY (month/day/year)                    |
| Total Memory        | Displays the total memory available.                                                                                                                                                        | N/A                                                   |
| Video Memory        | Displays the available memory for Video.                                                                                                                                                    | N/A                                                   |
| Quiet Boot          | Allows startup to skip certain tests while booting, decreasing the time needed to boot the system.                                                                                          | Option: <b>Enabled</b> or Disabled                    |
| Network Boot        | Enables, disables the system boot from LAN (remote server).                                                                                                                                 | Option: <b>Enabled</b> or Disabled                    |
| F12 Boot Menu       | Enables, disables Boot Menu during POST.                                                                                                                                                    | Option: <b>Enabled</b> or Enabled                     |
| D2D Recovery        | Enables, disables D2D Recovery function. The function allows the user to create a hidden partition on hard disc drive to store operation system and restore the system to factory defaults. | Option: <b>Enabled</b> or Disabled                    |
| SATA Mode           | Control the mode in which the SATA controller should operate.                                                                                                                               | Option: <b>AHCI</b> or IDE                            |
| Switchable Graphics | Enables or disables the switchable graphics mode.                                                                                                                                           | Option: <b>SG Enabled</b> , UMA Only or Discrete Only |

# Security

The Security screen contains parameters that help safeguard and protect your computer from unauthorized use.



The table below describes the parameters in this screen. Settings in **boldface** are the default and suggested parameter settings.

| Parameter               | Description                                                                                                                                                                                                                                          | Option                     |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| Supervisor Password Is  | Shows the setting of the Supervisor password                                                                                                                                                                                                         | <b>Clear</b> or Set        |
| User Password Is        | Shows the setting of the user password.                                                                                                                                                                                                              | <b>Clear</b> or Set        |
| HDD Password            | Shows the setting of the HDD password                                                                                                                                                                                                                | <b>Clear</b> or Set        |
| Set Supervisor Password | Press Enter to set the supervisor password. When set, this password protects the BIOS Setup Utility from unauthorized access. The user can not either enter the Setup menu nor change the value of parameters.                                       | N/A                        |
| Set User Password       | Press Enter to set the user password. When user password is set, this password protects the BIOS Setup Utility from unauthorized access. The user can enter Setup menu only and does not have right to change the value of parameters.               | N/A                        |
| Set HDD Password        | Enter HDD Password.                                                                                                                                                                                                                                  | N/A                        |
| Password on Boot        | Defines whether a password is required or not while the events defined in this group happened. The following sub-options are all requires the Supervisor password for changes and should be grayed out if the user password was used to enter setup. | <b>Disabled</b> or Enabled |

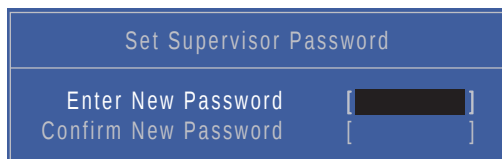
**NOTE:** When you are prompted to enter a password, you have three tries before the system halts. Don't forget your password. If you forget your password, you may have to return your notebook computer to your dealer to reset it.

---

## Setting a Password

Follow these steps as you set the user or the supervisor password:

1. Use the ↑ and ↓ keys to highlight the Set Supervisor Password parameter and press the **Enter** key. The Set Supervisor Password box appears:



A blue rectangular dialog box titled "Set Supervisor Password". It contains two input fields: "Enter New Password" and "Confirm New Password". Both fields are currently empty and have a black cursor in the first field.

2. Type a password in the "Enter New Password" field. The password length can not exceed 8 alphanumeric characters (A-Z, a-z, 0-9, not case sensitive). Retype the password in the "Confirm New Password" field.

**IMPORTANT:** Be very careful when typing your password because the characters do not appear on the screen.

3. Press **Enter**. After setting the password, the computer sets the User Password parameter to "Set".
4. If desired, you can opt to enable the Password on boot parameter.
5. When you are done, press F10 to save the changes and exit the BIOS Setup Utility.

## Removing a Password

Follow these steps:

1. Use the ↑ and ↓ keys to highlight the Set Supervisor Password parameter and press the **Enter** key. The Set Password box appears:



A blue rectangular dialog box titled "Set Password". It contains three input fields: "Enter Current Password", "Enter New Password", and "Confirm New Password". The "Enter Current Password" field is currently empty and has a black cursor. The "Enter New Password" and "Confirm New Password" fields are also empty.

2. Type the current password in the Enter Current Password field and press **Enter**.
3. Press **Enter** twice **without** typing anything in the Enter New Password and Confirm New Password fields. The computer then sets the Supervisor Password parameter to "Clear".
4. When you have changed the settings, press u to save the changes and exit the BIOS Setup Utility.

---

# Changing a Password

- 1. Use the ↑ and ↓ keys to highlight the Set Supervisor Password parameter and press the **Enter** key. The Set Password box appears.

Set Supervisor Password

Enter Current Password

Enter New Password

Confirm New Password

[ ]

[ ]

[ ]

- 2. Type the current password in the Enter Current Password field and press **Enter**.
- 3. Type a password in the Enter New Password field. Retype the password in the Confirm New Password field.
- 4. Press **Enter**. After setting the password, the computer sets the User Password parameter to “Set”.
- 5. If desired, you can enable the Password on boot parameter.
- 6. When you are done, press F10 to save the changes and exit the BIOS Setup Utility.

If the verification is OK, the screen will display as following.

Setup Notice

Changes have been saved.

Continue

The password setting is complete after the user presses **Enter**.

If the current password entered does not match the actual current password, the screen will show you the Setup Warning.

Setup Warning

Invalid Password.

Continue

If the new password and confirm new password strings do not match, the screen will display the following message.

Setup Warning

Passwords do not match.  
Re-enter password.

Continue

# Boot

This menu allows the user to decide the order of boot devices to load the operating system. Bootable devices includes the USB diskette drives, the onboard hard disk drive and the DVD drive in the module bay.

Select Boot Devices to select specific devices to support boot.

Phoenix SecureCore(tm) Setup Utility

InformationMainSecurityBootExit

Boot priority order:

1. IDE HDD: Toshiba MK5055GSX-(S1)

2. IDE HDD: WDC WD1600BEVT-22ZCT0-(S5)

3. IDE CD: HL-DT-ST DVDROM GT20N-(S2)

4. PCI LAN: MBA v11.4.1 Slot 0600

5. USB HDD:

6. USB CDROM:

7. USB FDC:

8. USB KEY:

Excluded from boot order:

Item Specific Help

Use <↑> or <↓> to select a device, then press <F5> to move it down the list, or <F6> to move it up the list. Press <Esc> to escape the menu

F1 Help

ESC Exit

↑↓ Select Item

↔ Select Menu

F5/F6 Change Values

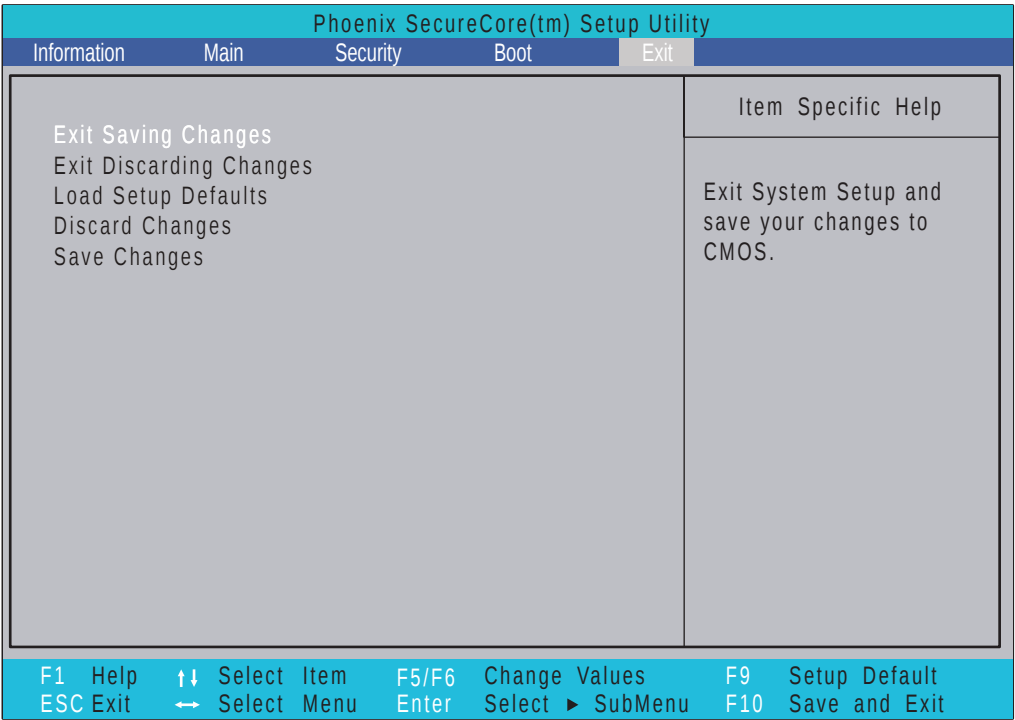
Enter Select ► SubMenu

F9 Setup Default

F10 Save and Exit

# Exit

The Exit screen allows you to save or discard any changes you made and quit the BIOS Utility.



The table below describes the parameters in this screen.

| Parameter               | Description                                         |
|-------------------------|-----------------------------------------------------|
| Exit Saving Changes     | Exit System Setup and save your changes to CMOS.    |
| Exit Discarding Changes | Exit utility without saving setup data to CMOS.     |
| Load Setup Default      | Load default values for all SETUP item.             |
| Discard Changes         | Load previous values from CMOS for all SETUP items. |
| Save Changes            | Save Setup Data to CMOS.                            |

---

# BIOS Flash Utilities

The BIOS flash memory update is required for the following conditions:

- New versions of system programs
- New features or options
- Restore a BIOS when it becomes corrupted.

Use the Phlash utility to update the system BIOS flash ROM.

**NOTE:** If you do not have a crisis recovery diskette at hand, then you should create a **Crisis Recovery Diskette** before you use the Phlash utility.

**NOTE:** Do not install memory-related drivers (XMS, EMS, DPMI) when you use the Phlash.

**NOTE:** Please use the AC adaptor power supply when you run the Phlash utility. If the battery pack does not contain enough power to finish BIOS flash, you may not boot the system because the BIOS is not completely loaded.

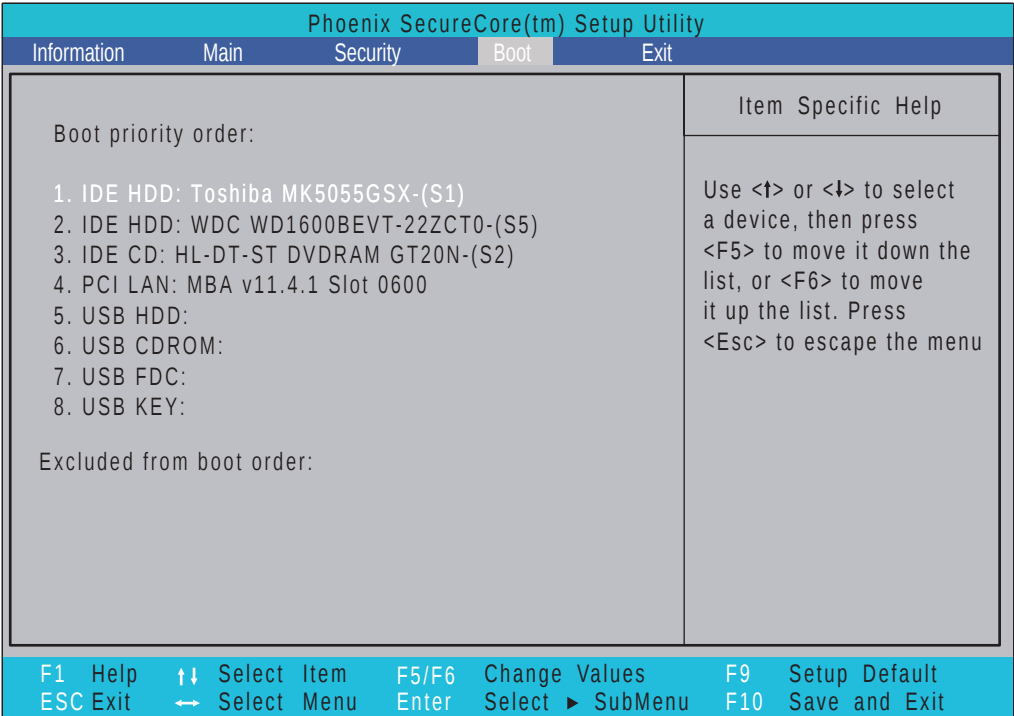
Follow the steps below to run the Phlash.

1. Prepare a bootable diskette.
2. Copy the flash utilities to the bootable diskette.
3. Then boot the system from the bootable diskette. The flash utility has auto-execution function.

# DOS Flash Utility

Perform the following steps to use the DOS Flash Utility:

- 1. Press F2 during boot to enter the Setup Menu.
- 2. Select **Boot Menu** to modify the boot priority order, for example, if using USB HDD to Update BIOS, move USB HDD to position 1.



- 3. Execute the **FLASH.BAT** batch file to update BIOS.

The flash process begins as shown.



- 
4. In flash BIOS, the message **Please do not remove AC Power Source** displays.

**NOTE:** If the AC power is not connected, the following message displays.



Plug in the AC power to continue.

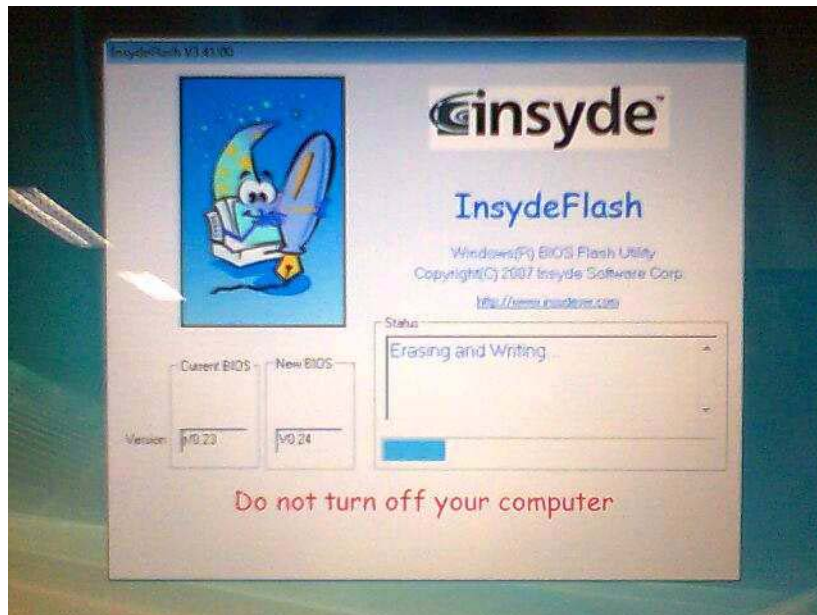
5. Flash is complete when the message Flash programming complete displays.

---

## WinFlash Utility

Perform the following steps to use the WinFlash Utility:

1. Double-click the WinFlash executable.
2. Click **OK** to begin the update. A progress screen displays.



# Remove HDD/BIOS Password Utilities

This section provides you with details about removing HDD/BIOS password:

## Remove HDD Password:

If you key in the wrong HDD password three times, an error code is generated.



To reset the HDD password, perform the following steps:

1. On a different machine, run the **HDD\_PW.EXE** file along with the error code generated. For example:  
**hdd\_pw 15494 0**
2. Select an option to generate upper case or lower case ASCII code for unlocking the HDD.
3. Two strings are generated as output. Select and note down either one of the strings.

```
C:\WINDOWS\system32\cmd.exe
F:\>cd password
F:\password>dir/v
Volume in drive F has no label.
Volume Serial Number is D4F6-0236

Directory of F:\password

[.]          [.]          BIOS_PW.EXE  HDD_PW.EXE
 2 File(s)    35,354 bytes
 2 Dir(s)    487,895,040 bytes free

F:\password>hdd_pw 15494 0
unlock6.exe v1.1 2 May 2003

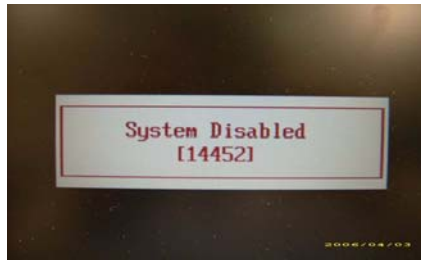
Choice what kind of the password to be generated:
0.) Exit....
1.) Scan Code
2.) Upper case ASCII Code
3.) Lower case ASCII Code
Enter your choice: 2
OKJFM42
UUEIQ96
F:\password>
```

4. Reboot the machine with the locked HDD and then use either one of the strings as the HDD user password.



## Removing BIOS Passwords:

If you key in the wrong Supervisor password three times, an error code is generated and system is disabled.



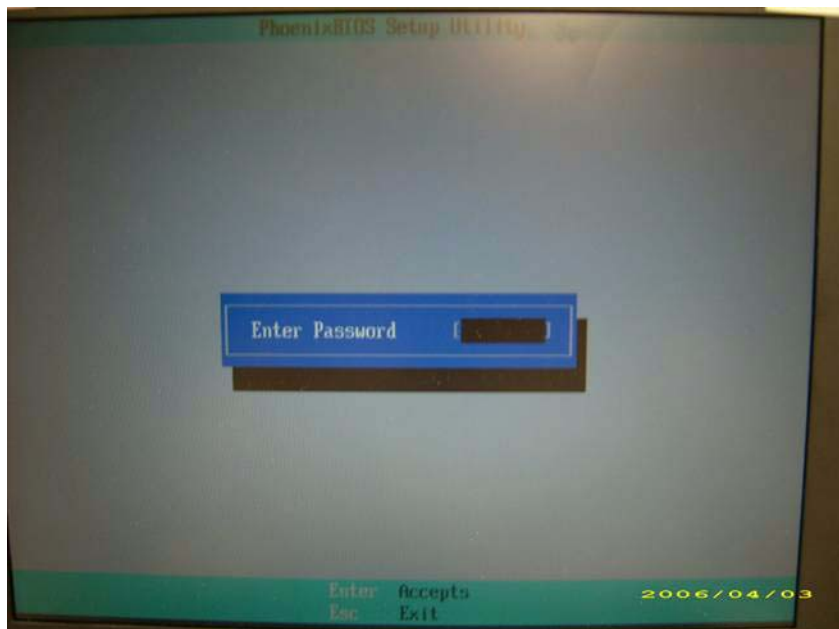
To unlock the BIOS, perform the following steps:

1. On a different machine, run the **BIOS\_PW.EXE** file along with the error code generated. For example:  
***bios\_pw 14452 0***
2. Four ASCII strings are generated as output. Select and note down any one of the strings.

```
C:\WINDOWS\system32\cmd.exe
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\Documents and Settings\M54>d:
D:\bios_pw 14452 0 1.
unlock6.exe v1.0 1 July 1997
qjjg90y
0?ygmjd
cjl14tm
6mbzjaJ 2.
D:\>
```

3. Reboot the machine with the locked BIOS and then use either any of the strings as the BIOS user password.



---

## Using Boot Sequence Selector

The Boot Sequence Selector allows the boot order to be changed without accessing the BIOS. To use Boot Sequence Selector, perform the following steps:

1. Enter into DOS.
2. Execute **BS.exe** to display the usage screen.



```
d:\B00TSEQ>bs

*** Boot Sequence Selector Version 0.03 ***
Create by Rockwell Chuang 10/01/2005.

Usage:
      BS [ 1 | 2 | 3 | 4 ]

BS 1 : [ Floppy ] => [ HardDisk ] => [ CD-ROM ] => [ LAN ]
BS 2 : [ HardDisk ] => [ CD-ROM ] => [ LAN ] => [ Floppy ]
BS 3 : [ CD-ROM ] => [ HardDisk ] => [ LAN ] => [ Floppy ]
BS 4 : [ LAN ] => [ Floppy ] => [ HardDisk ] => [ CD-ROM ]

d:\B00TSEQ>
```

3. Select the desired boot sequence by entering the corresponding sequence. For example, enter **BS2** to change the boot sequence to HDD | CD ROM | LAN | Floppy.

---

## Using DMITools

The DMI (Desktop Management Interface) Tool copies BIOS information to EEPROM to be used in the DMI pool for hardware management.

When the BIOS displays **Verifying DMI pool data** it is checking that the table correlates with the hardware before sending to the operating system (Windows, etc.).

To update the DMI Pool, perform the following steps:

1. Boot into DOS.
2. Execute **dmitools**. The following messages report to screen to confirm completion:
  - `dmitools /r ==>` Read dmi string from bios
  - `dmitools /wm xxxx ==>` Write manufacturer name to eeprom (max. 16 characters)
  - `dmitools /wp xxxx ==>` Write product name to eeprom (max. 16 characters)
  - `dmitools /ws xxxx ==>` Write serial number to eeprom (max. 22 characters)
  - `dmitools /wu xxxx ==>` Write uuid to eeprom
  - `dmitools /wa xxxx ==>` Write asset tag to eeprom (max. 32 characters)

The following examples show the commands and the corresponding output information.

### Read DMI Information from Memory

**Input:**

```
dmitools /r
```

**Output:**

```
Manufacturer (Type1, Offset04h): Acer
```

```
Product Name (Type1, Offset05h): TravelMate xxxxx
```

```
Serial Number (Type1, Offset07h): 01234567890123456789
```

```
UUID String (Type1, Offset08h): xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxxxx
```

```
Asset Tag (Type3, Offset04h): Acet Asstag
```

### Write Product Name to EEPROM

**Input:**

```
dmitools /wp Acer
```

### Write Serial Number to EEPROM

**Input:**

```
dmitools /ws 01234567890123456789
```

### 4). Write UUID to EEPROM (Create UUID from Intel WFM20.pdf)

**Input:**

```
dmitools /wu
```

### 5). Write Asset Tag to EEPROM

**Input:**

```
dmitools /wa Acet Asstag
```

**NOTE:** When using any of the Write options, restart the system to make the new DMI data effective.

---

## Using the LAN MAC EEPROM Utility

You can use the MAC.BAT utility to write the MAC.CFG file to the EEPROM under DOS mode.

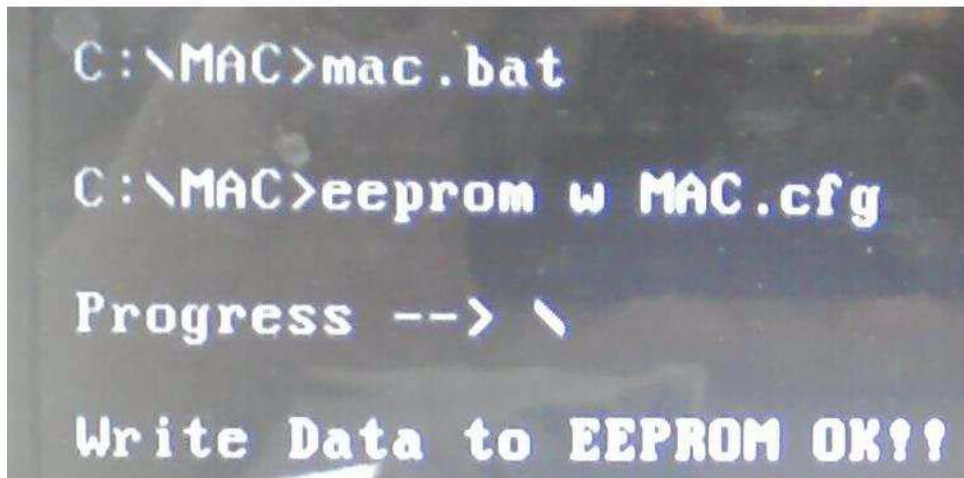
1. Use a text editor (for example: Notepad) to open the MAC.CFG file. You can see the MAC.CFG contents as below:



```
MAC.CFG - 記事本
檔案(F) 編輯(E) 格式(O) 檢視(V) 說明(H)
Title= MAC Address byte
WriteData='001122334455'
StartAddr=7A
WriteLeng=6
KeepByte=0
```

|                            |                  |
|----------------------------|------------------|
| WriteData = '001122334455' | MAC value        |
| StartAddr=7A               | MAC address      |
| WriteLeng=6                | MAC value length |
| KeepByte=0                 | don't care       |

2. In DOS mode, run the **MAC.BAT** file to write MAC values to eeprom.





# Machine Disassembly and Replacement

---

This chapter contains step-by-step procedures on how to disassemble the notebook computer for maintenance and troubleshooting.

## Disassembly Requirements

To disassemble the computer, you need the following tools:

- Wrist grounding strap and conductive mat for preventing electrostatic discharge
- Flat screwdriver
- Philips screwdriver
- Plastic flat screwdriver
- Plastic tweezers

**NOTE:** The screws for the different components vary in size. During the disassembly process, group the screws with the corresponding components to avoid mismatch when putting back the components.

# General Information

## Pre-disassembly Instructions

Before proceeding with the disassembly procedure, make sure that you do the following:

1. Turn off the power to the system and all peripherals.
2. Unplug the AC adapter and all power and signal cables from the system.



3. Place the system on a flat, stable surface.
4. Remove the battery pack.

## Disassembly Process

The disassembly process is divided into the following stages:

- External module disassembly
- Main unit disassembly
- LCD module disassembly

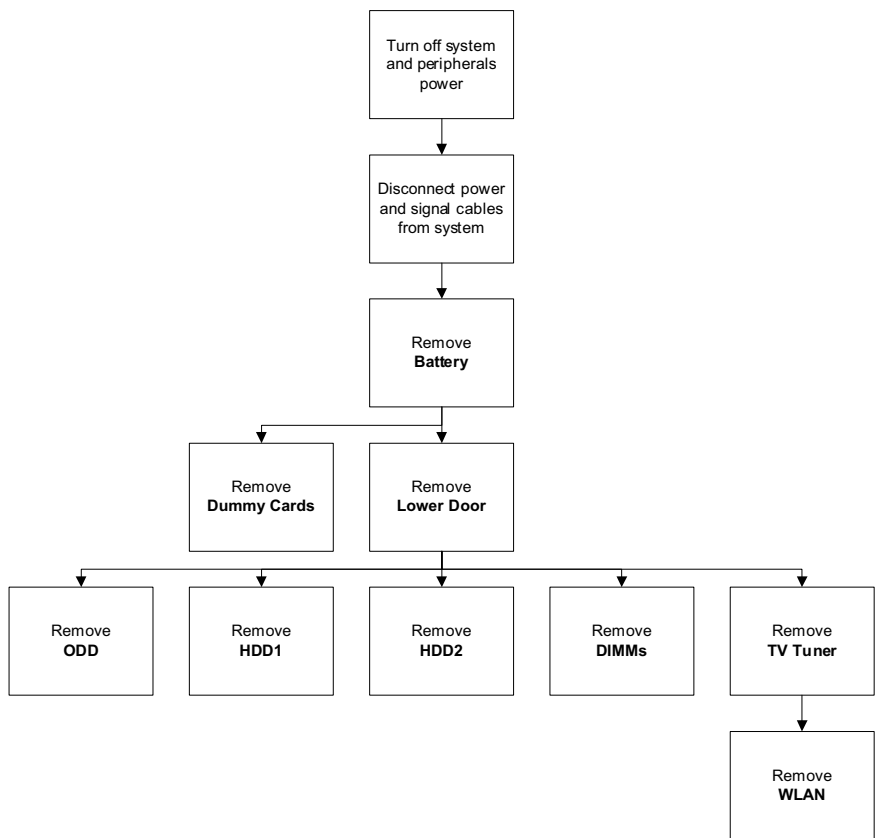
The flowcharts provided in the succeeding disassembly sections illustrate the entire disassembly sequence. Observe the order of the sequence to avoid damage to any of the hardware components. For example, if you want to remove the main board, you must first remove the keyboard, then disassemble the inside assembly frame in that order.

### Main Screw List

| Screw                           | Quantity | Part Number  |
|---------------------------------|----------|--------------|
| SCREW M3*0.5+3.5I               |          | 86.A03V7.006 |
| SCREW M2.0*6-I(ANTI-LOOSE)      |          | 86.N1407.001 |
| SCREW M2.5*2-I (NI,NYLOK)       |          | 86.TDY07.001 |
| SCREW M2.5*4-I(BNI)             |          | 86.N1407.003 |
| SCREW M2.0*3.0-I IRON           |          | 86.S0207.001 |
| SCREW M2.5*4.0-I(NI)(NYLOK)     |          | 86.D01V7.001 |
| SCREW M2.5*6.5-I(BZN(NYLOK-RED) |          | 86.ARE07.001 |
| SCREW M2.5*5.0-I(NI)            |          | 86.ARE07.004 |
| SCREW M3*0.5+3.5I               |          | 86.TDY07.003 |

# External Module Disassembly Process

## External Modules Disassembly Flowchart



### Screw List

| Step         | Screw  | Quantity | Part No.     |
|--------------|--------|----------|--------------|
| ODD Module   | M2.5*4 | 1        | 86.D01V7.001 |
| ODD Bracket  | M2*3   | 2        | 86.S0207.001 |
| HDD1 Carrier | M3*3   | 2        | 86.A03V7.006 |
| HDD2 Carrier | M3*3   | 2        | 86.A03V7.006 |
| TV Tuner     | M2*3   | 2        | 86.S0207.001 |
| WLAN Module  | M2*3   | 2        | 86.S0207.001 |

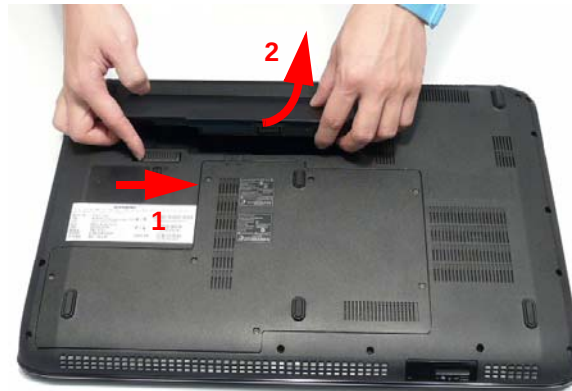
---

## Removing the Battery Pack

1. Turn the computer over.
2. Slide the battery lock to the unlocked position.



3. Slide and hold the battery release latch to the release position (1), then lift out the battery pack from the main unit (2).



---

## Removing the Express Dummy Card

1. Push the Express Dummy Card all the way in to eject it.



2. Pull the card out from the slot.



---

## Removing the SD Dummy Card

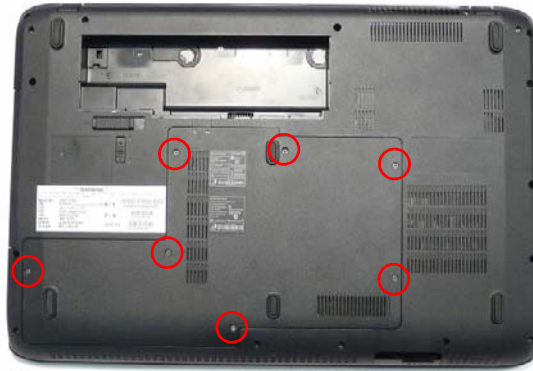
1. Slide the SD Dummy Card out of the slot and remove it from the computer.



---

## Removing the Lower Door

1. See "Removing the Battery Pack" on page 56.
2. Loosen the seven captive screws in the Lower Door.



3. Remove the Lower Door as shown.



# Removing the Optical Drive Module

- 1. See “Removing the Lower Door” on page 59.
- 2. Remove the single screw securing the ODD Module.

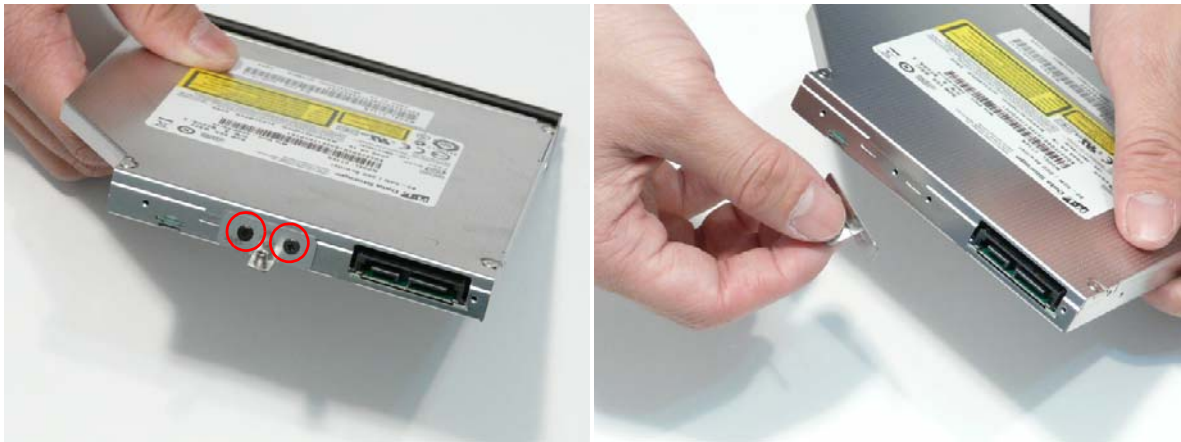


| Step       | Size   | Quantity | Screw Type                                                                          |
|------------|--------|----------|-------------------------------------------------------------------------------------|
| ODD Module | M2.5*4 | 1        |  |

- 3. Insert a suitable object in to the Lower Cover to push the ODD Module clear of the casing.
- 4. Pull the ODD Module out of the chassis.

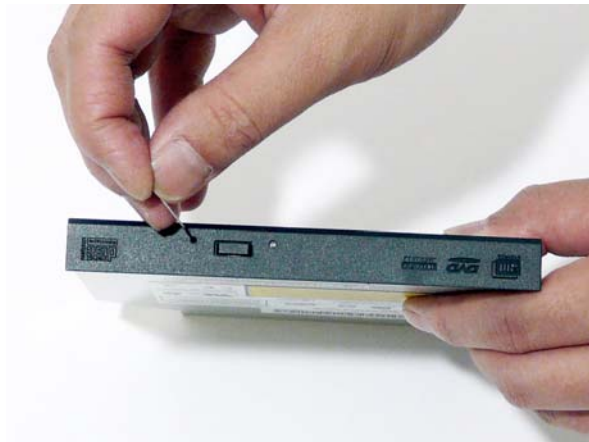


5. Remove the two screws securing the ODD Bracket and remove the ODD bracket from the module.
- NOTE:** Remove the left side screw first during disassembly.

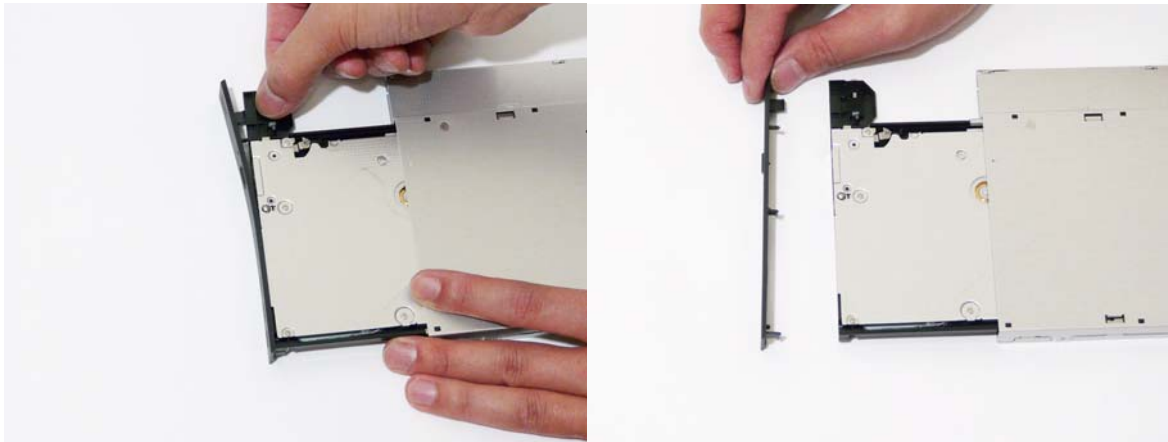


| Step        | Size | Quantity | Screw Type                                                                          |
|-------------|------|----------|-------------------------------------------------------------------------------------|
| ODD Bracket | M2*3 | 2        |  |

6. Insert a pin in the eject hole of the ODD to eject the ODD tray.



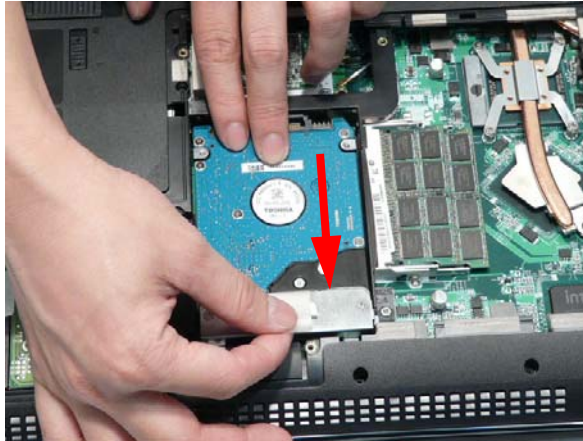
7. Press down on the locking catch to release the ODD cover and remove.



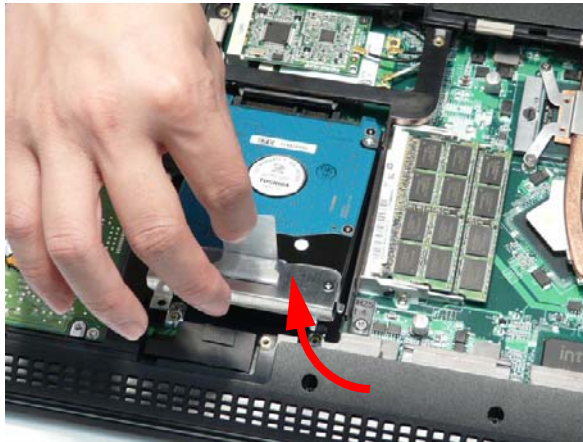
---

## Removing the Primary Hard Disk Drive Module

1. See “Removing the Lower Door” on page 59.
2. Use the pull-tab to slide the Primary HDD in the indicated direction and disconnect the interface.



3. Lift the hard disk drive module out of the bay.



**NOTE:** To prevent damage to device, avoid pressing down on it or placing heavy objects on top of it.

4. Remove the two screws securing the hard disk to the carrier.



| Step         | Size | Quantity | Screw Type                                                                          |
|--------------|------|----------|-------------------------------------------------------------------------------------|
| HDD1 Carrier | M3*3 | 2        |  |

5. Remove the HDD from the carrier.



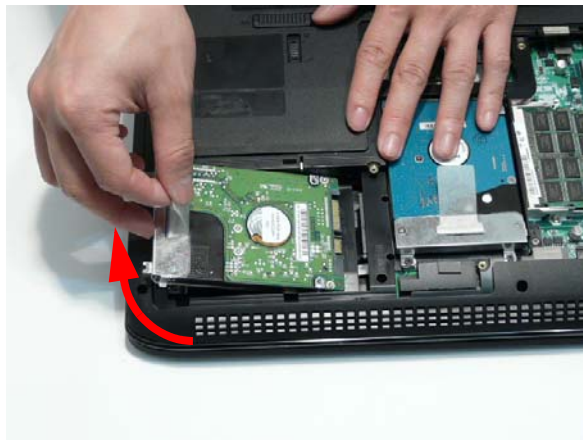
---

## Removing the Secondary Hard Disk Drive Module

1. See “Removing the Lower Door” on page 59.
2. Use the pull-tab to slide the Secondary HDD and disconnect the interface.



3. Lift the hard disk drive module out of the bay.



**NOTE:** To prevent damage to device, avoid pressing down on it or placing heavy objects on top of it.

4. Remove the two screws securing the hard disk to the carrier.



| Step         | Size | Quantity | Screw Type                                                                          |
|--------------|------|----------|-------------------------------------------------------------------------------------|
| HDD2 Carrier | M3*3 | 2        |  |

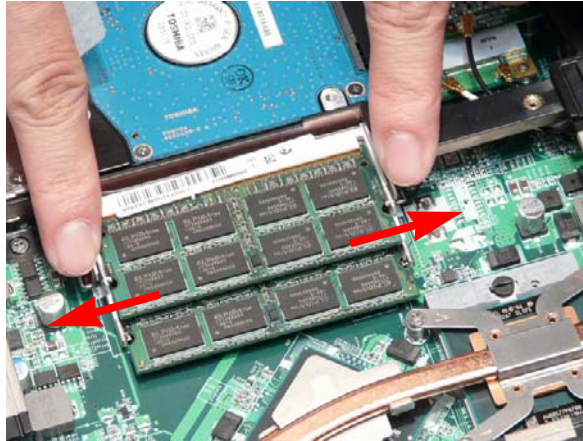
5. Remove the HDD from the carrier.



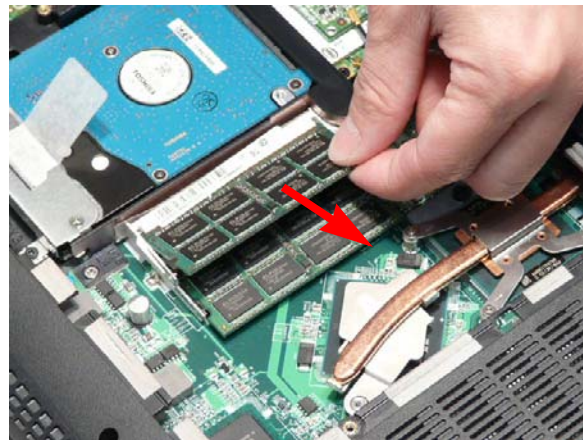
---

## Removing the DIMM Modules

1. See “Removing the Lower Door” on page 59.
2. Push out the release latches on both sides of the DIMM socket to release the DIMM module.



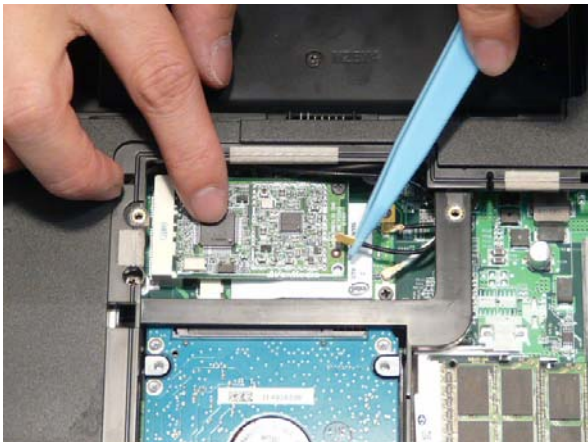
3. Remove the DIMM module.



4. Repeat steps for the second DIMM module.

# Removing the TV Tuner Module

- 1. See “Removing the Lower Door” on page 59.
- 2. Disconnect the Antenna cable from the TV Tuner as shown.



**NOTE:** When reattaching the Antenna, ensure the cable is tucked into the chassis to prevent damage.

- 3. Remove the single screw securing the TV Tuner to the Mainboard.



| Step     | Size | Quantity | Screw Type                                                                            |
|----------|------|----------|---------------------------------------------------------------------------------------|
| TV Tuner | M2*3 | 1        |  |

- 
4. Remove the TV Tuner as shown.



# Removing the WLAN Module

- 1. See “Removing the Lower Door” on page 59.
- 2. Disconnect the Antenna cables from the WLAN Module.  
**NOTE:** The black cable attaches to the **MAIN** terminal and the white cable attaches to the **AUX** terminal.



**NOTE:** When reattaching the antennas, ensure the cables are tucked into the chassis to prevent damage.

- 3. Remove the single screws securing the WLAN Module to the Mainboard



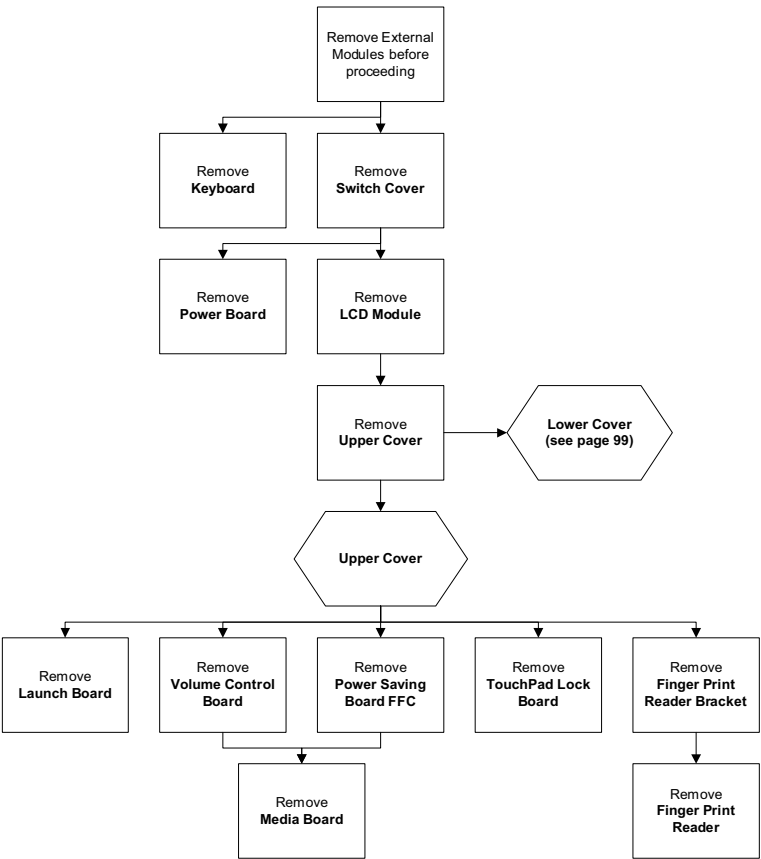
| Step        | Size | Quantity | Screw Type                                                                            |
|-------------|------|----------|---------------------------------------------------------------------------------------|
| WLAN Module | M2*3 | 2        |  |

- 
4. Detach the WLAN Module from the WLAN socket.



# Main Unit Disassembly Process

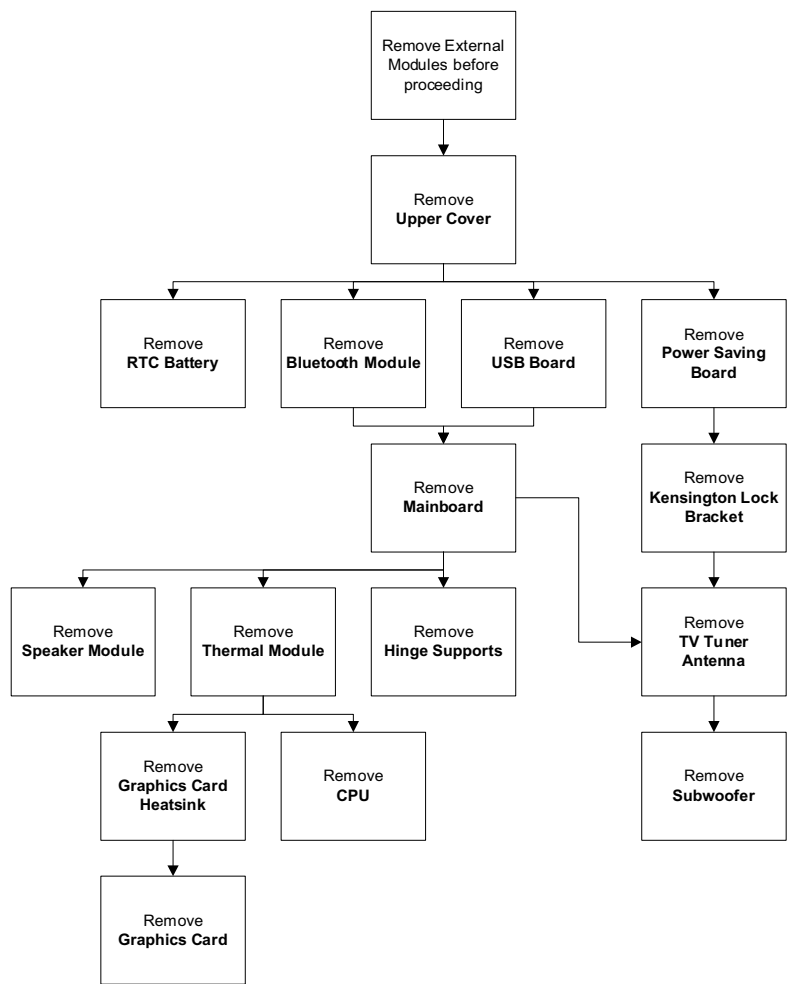
## Upper Cover Disassembly Flowchart



### Screw List

| Step         | Screw    | Quantity | Part No.     |
|--------------|----------|----------|--------------|
| Switch Cover | M2.5*6.5 | 9        | 86.ARE07.001 |
|              | M2.5*4   | 4        | 86.D01V7.001 |
| Power Board  | M2.5*4   | 3        | 86.D01V7.001 |
| LCD Module   | M2.5*6.5 | 4        | 86.ARE07.001 |
| Upper Cover  | M2.5*6.5 | 9        | 86.ARE07.001 |
|              | M2.5*4   | 5        | 86.D01V7.001 |
|              | M2*3     | 1        | 86.S0207.001 |

# Lower Cover Disassembly Flowchart



## Screw List

| Step                    | Screw    | Quantity | Part No.     |
|-------------------------|----------|----------|--------------|
| Bluetooth Board         | M2*3     | 1        | 86.S0207.001 |
| USB Board               | M2.5*4   | 1        | 86.D01V7.001 |
| Power Saving Board      | M2.5*4   | 1        | 86.D01V7.001 |
| Mainboard               | M2.5*4   | 3        | 86.D01V7.001 |
| Kensington Lock Bracket | M2*3     | 1        | 86.S0207.001 |
| Subwoofer               |          | 4        |              |
| Hinge Supports          | M2.5*4   | 6        | 86.D01V7.001 |
| Speaker Module          |          | 6        |              |
| Graphics Card Heatsink  | M2.5*6.5 | 2        | 86.ARE07.001 |
| Graphics Card           | M2.5*6.5 | 1        | 86.ARE07.001 |

---

## Removing the Keyboard

1. See "Removing the Battery Pack" on page 56.
2. Press the six securing clips inward to release the Keyboard from the Upper Cover.



3. Lift the centre of Keyboard up as shown.

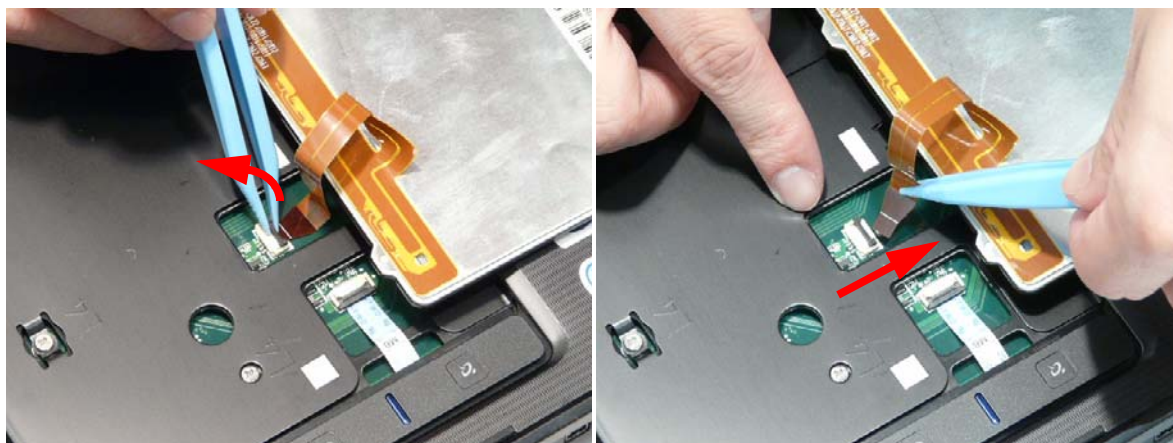


**IMPORTANT:** Do not remove the Keyboard from the computer; the Keyboard FFCs are still connected.

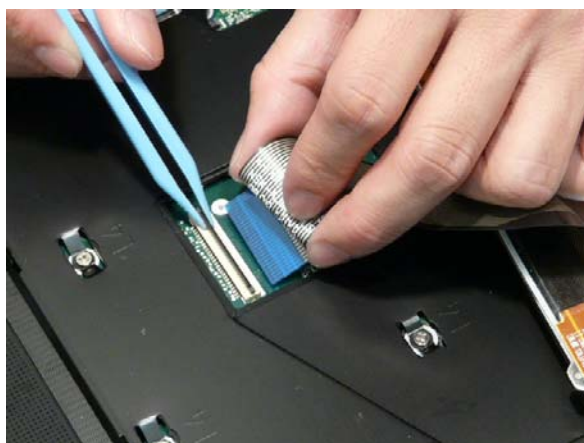
4. Turn the Keyboard over and place it on the TouchPad area to expose the FFC cables.



- 
5. Disconnect the Backlight cable by opening the FFC latch and removing the cable from the Mainboard.



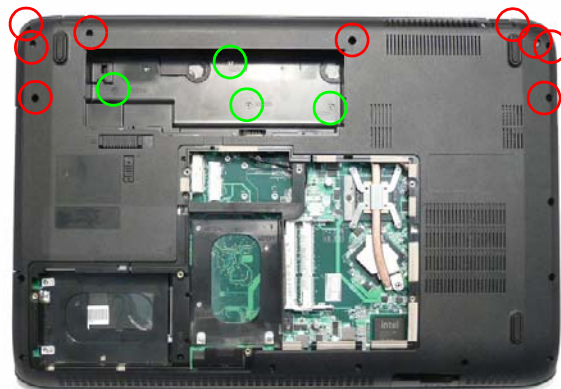
6. Disconnect the Keyboard cable by opening the FFC latch and removing the cable from the Mainboard.



7. Remove the Keyboard from the Upper Cover.

# Removing the Switch Cover

- 1. See "Removing the Battery Pack" on page 56.
- 2. Turn the computer over. Remove the thirteen screws securing the Switch Cover to the Upper Cover.



| Step                            | Size     | Quantity | Screw Type                                                                          |
|---------------------------------|----------|----------|-------------------------------------------------------------------------------------|
| Switch Cover<br>(red callout)   | M2.5*6.5 | 9        |  |
| Switch Cover<br>(green callout) | M2.5*4   | 4        |  |

**IMPORTANT:** Do not lift the Switch Cover away from the computer; the Power Board FFC is still connected.

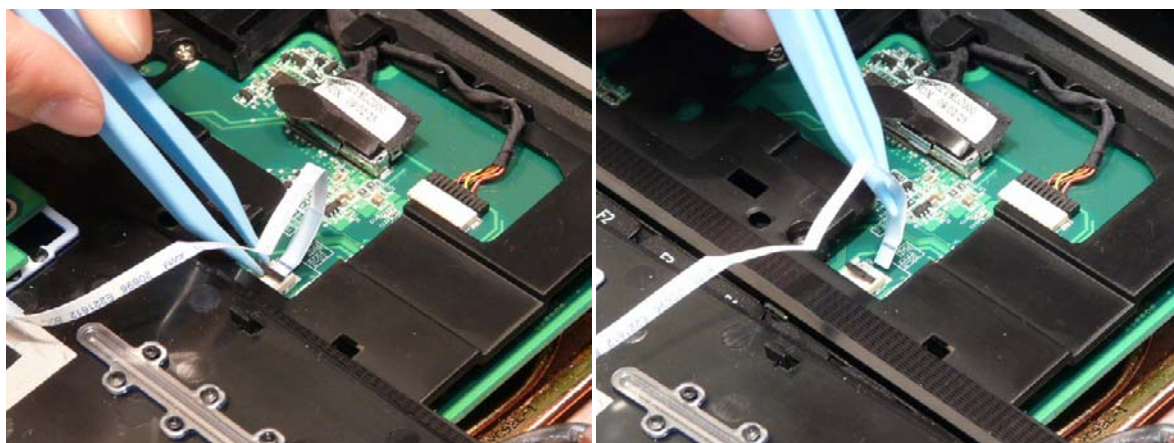
- 3. Turn the computer over and open the LCD Panel. Lift the Switch Cover, rear edge first, as shown.



- 
4. Turn the Switch Cover over and place it face down on the Keyboard.



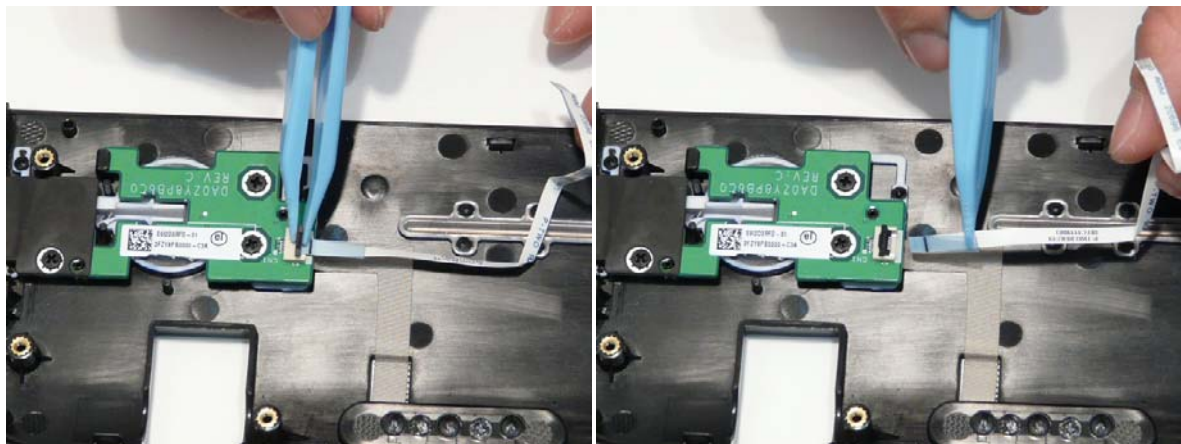
5. Open the Power Board FFC locking latch and disconnect the FFC from the Mainboard.



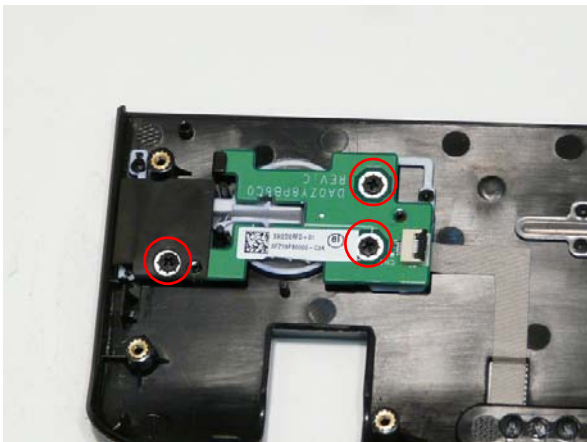
6. Remove the Switch Cover from the Upper Cover.

# Removing the Power Board

- 1. See “Removing the Switch Cover” on page 75.
- 2. Open the Power Board FFC locking latch and disconnect the FFC from the Power Board.

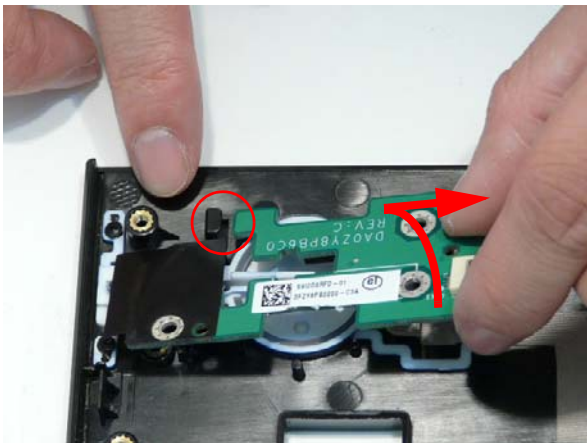


- 3. Remove the three screws securing the Power Board to the Switch Cover.



| Step        | Size   | Quantity | Screw Type                                                                            |
|-------------|--------|----------|---------------------------------------------------------------------------------------|
| Power Board | M2.5*4 | 3        |  |

- 4. Lift the Power Board away from the Switch Cover right side first to release the securing clip.



---

## Removing the LCD Module

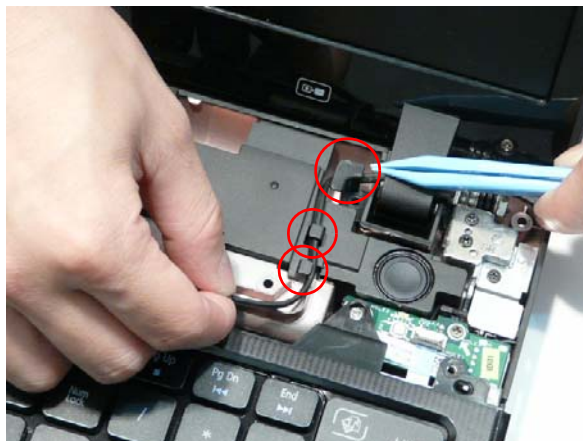
1. See “Removing the Switch Cover” on page 75.
2. Turn the computer over and ensure that the Antenna cables are free from obstructions.



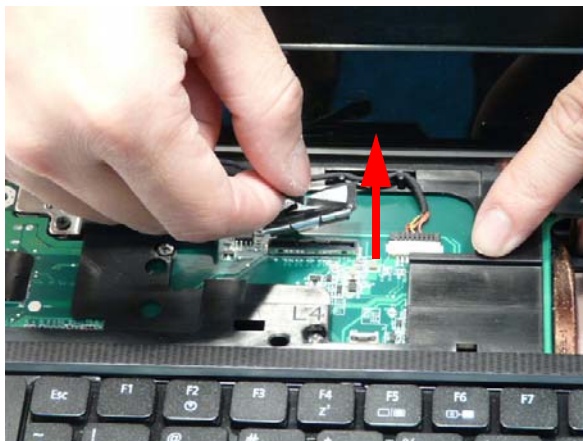
3. Pull the Antenna cables through the Upper Cover as shown. Ensure that the Antennas are completely free from the cover.



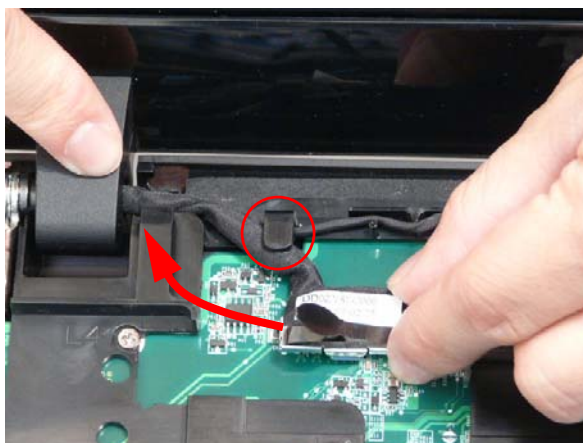
4. Remove the Antenna from the cable channel all the way to the Hinge Well. Ensure that the cables are free from all cable clips.



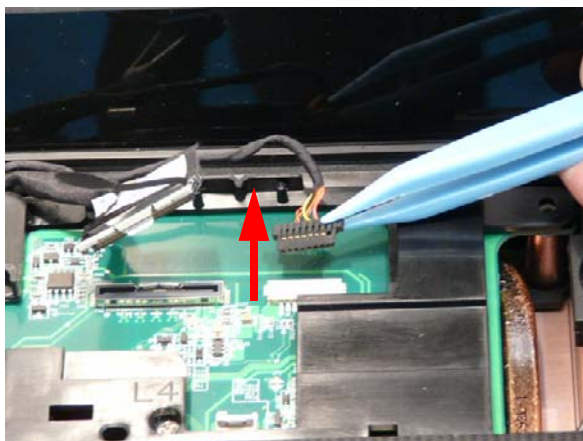
- 
5. Grasp the pull tab and lift upward as shown to disconnect the LVDS cable.



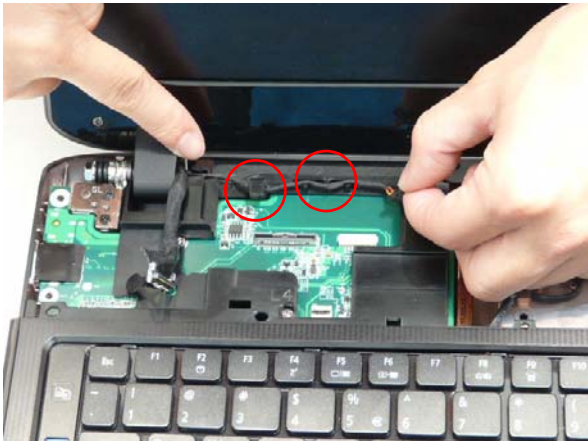
6. Remove the LVDS cable from the cable channel all the way to the Hinge Well. Ensure that the cable is free from all cable clips.



7. Disconnect the Microphone cable from the Mainboard.



8. Remove the Microphone cable from the cable channel all the way to the Hinge Well. Ensure that the cable is free from all cable clips.

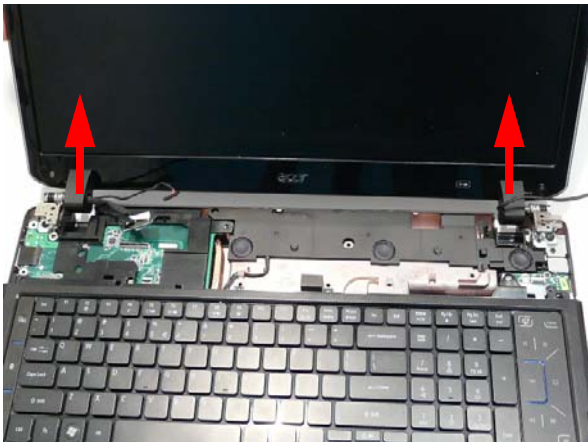


9. Remove the four screws securing the LCD Module to the Lower Cover.



| Step       | Size     | Quantity | Screw Type                                                                            |
|------------|----------|----------|---------------------------------------------------------------------------------------|
| LCD Module | M2.5*6.5 | 4        |  |

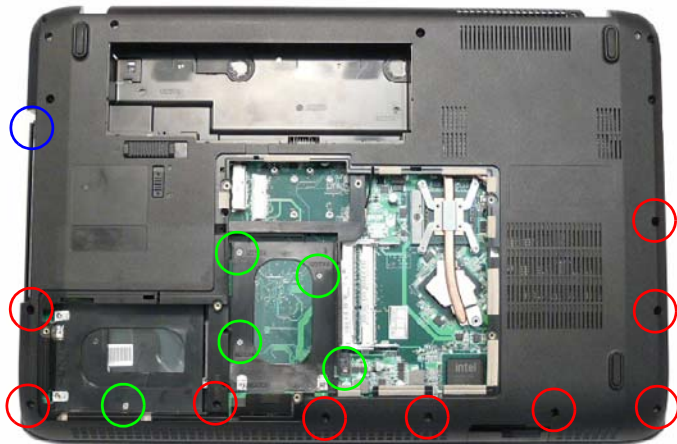
10. Using both hands, lift the LCD Module clear of the Lower Cover.



# Removing the Upper Cover

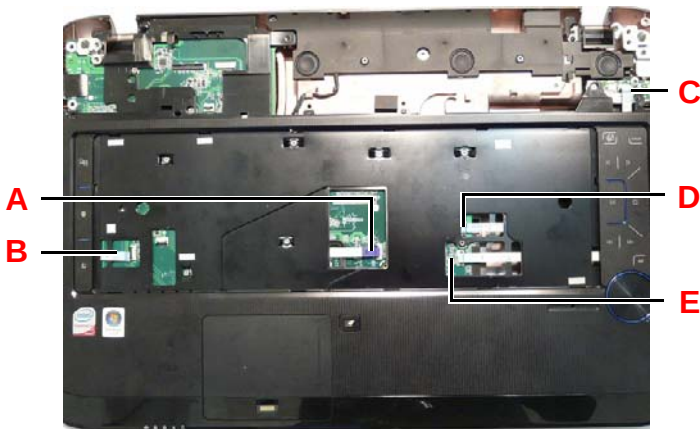
**IMPORTANT:** The TouchPad is supplied as part of the Upper Cover. If the TouchPad is defective, replace the entire Upper Cover.

- 1. See “Removing the LCD Module” on page 78.
- 2. Turn the computer over. Remove the fifteen screws on the bottom panel.



| Step                           | Size     | Quantity | Screw Type                                                                            |
|--------------------------------|----------|----------|---------------------------------------------------------------------------------------|
| Upper Cover<br>(red callout)   | M2.5*6.5 | 9        |   |
| Upper Cover<br>(green callout) | M2.5*4   | 5        |  |
| Upper Cover<br>(blue callout)  | M2*3     | 1        |  |

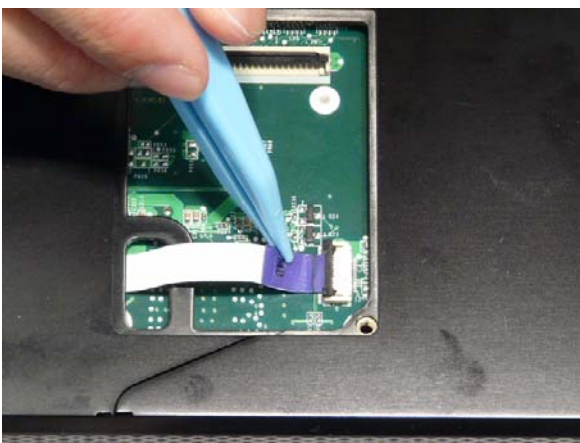
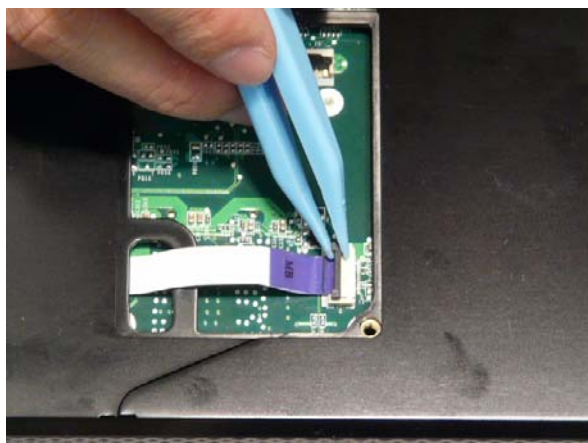
- 3. Disconnect the indicated FFCs (A, B, C, D, and E) from the Mainboard.



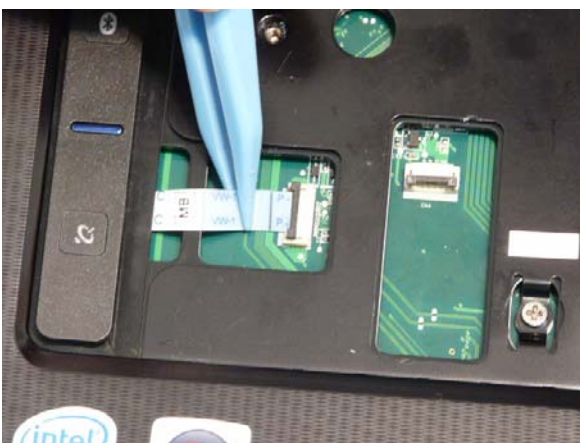
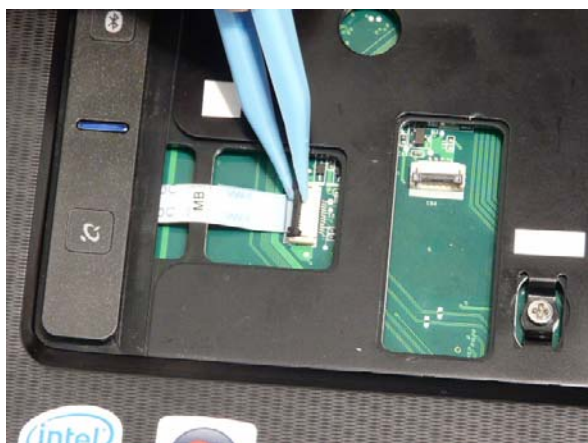
**NOTE:** Avoid pulling on cables directly to prevent damage to the connectors.

**NOTE:** Use the pull-tabs on FFC cables whenever available to prevent damage.

4. Open the locking latch on A and disconnect the FFC from the Mainboard.



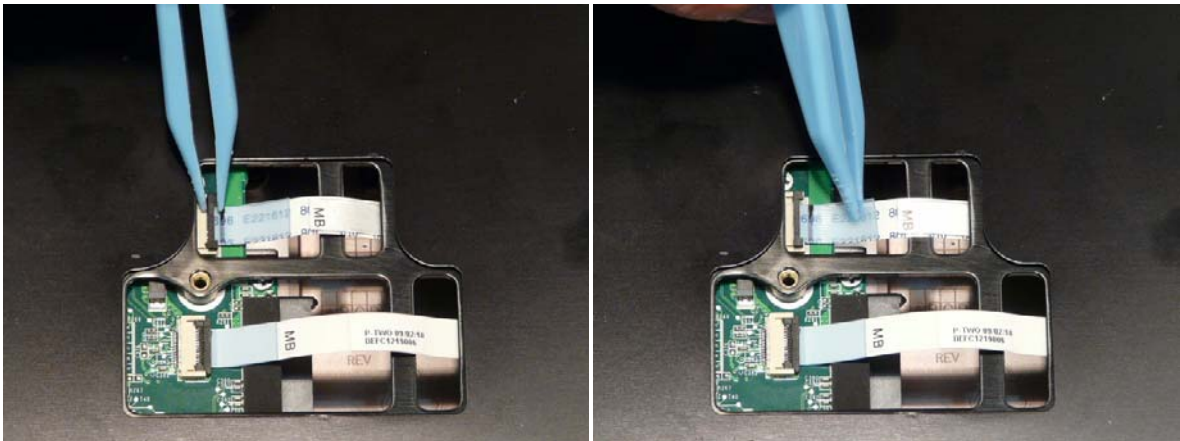
5. Open the locking latch on B and disconnect the FFC from the Mainboard.



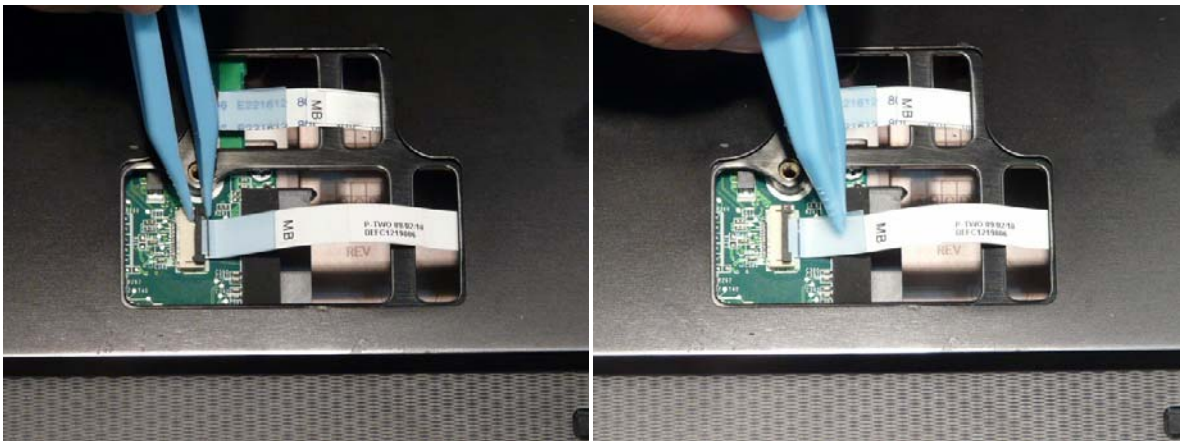
6. Open the locking latch on C and disconnect the FFC from the Mainboard.



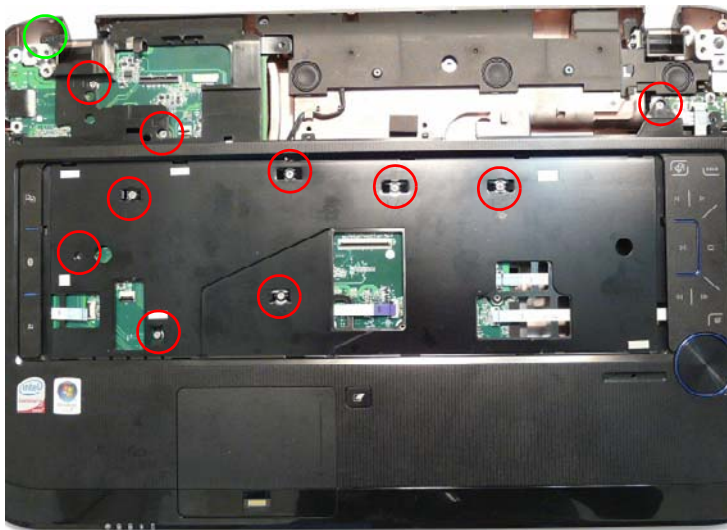
7. Open the locking latch on D and disconnect the FFC from the Mainboard.



8. Open the locking latch on E and disconnect the FFC from the Mainboard.



9. Remove the eleven screws securing the Upper Cover to the Lower Cover.



| Step                         | Size   | Quantity | Screw Type                                                                            |
|------------------------------|--------|----------|---------------------------------------------------------------------------------------|
| Upper Cover<br>(red callout) | M2.5*4 | 10       |  |

| Step                           | Size | Quantity | Screw Type                                                                          |
|--------------------------------|------|----------|-------------------------------------------------------------------------------------|
| Upper Cover<br>(green callout) | M2*3 | 1        |  |

10. Remove the Upper Cover as shown.



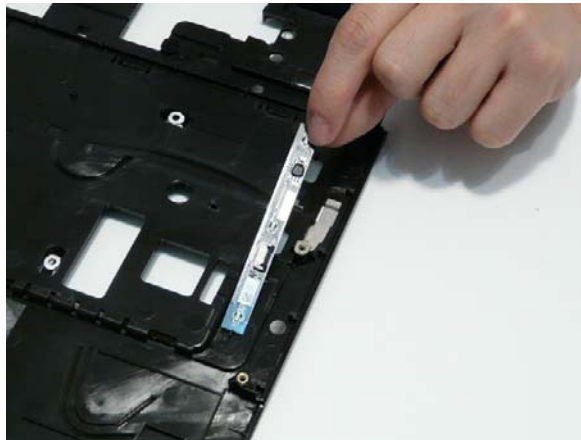
---

## Removing the Launch Board

1. See "Removing the Upper Cover" on page 81.
2. Turn the Upper Cover over. Open the locking latch on the FFC and disconnect it from the Launch Board.



3. Remove the Launch Board from the Upper Cover



# Removing the Volume Control Board

- 1. See “Removing the Upper Cover” on page 81.
- 2. Open the locking latch on the FFC and disconnect it from the Media Board.



- 3. Open the locking latch on the FFC and disconnect it from the Volume Control Board.



- 4. Remove the two screws securing the board to the Upper Cover.



| Step                 | Size | Quantity | Screw Type                                                                            |
|----------------------|------|----------|---------------------------------------------------------------------------------------|
| Volume Control Board | M2*3 | 2        |  |

- 
5. Lift the board clear of the Upper Cover.



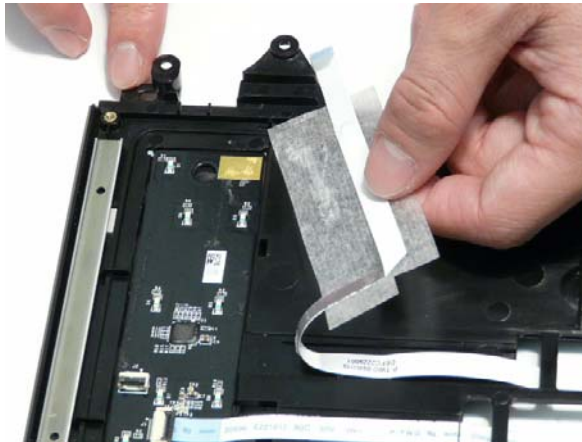
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## Removing the Power Saving Board FFC

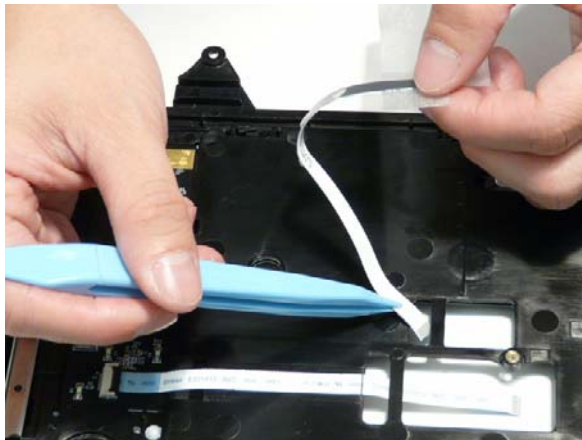
1. See "Removing the Upper Cover" on page 81.
2. Lift the protective covering and FFC away from the Upper Cover to detach the adhesive.



3. Continue lifting the FFC away from the Upper Cover as shown.



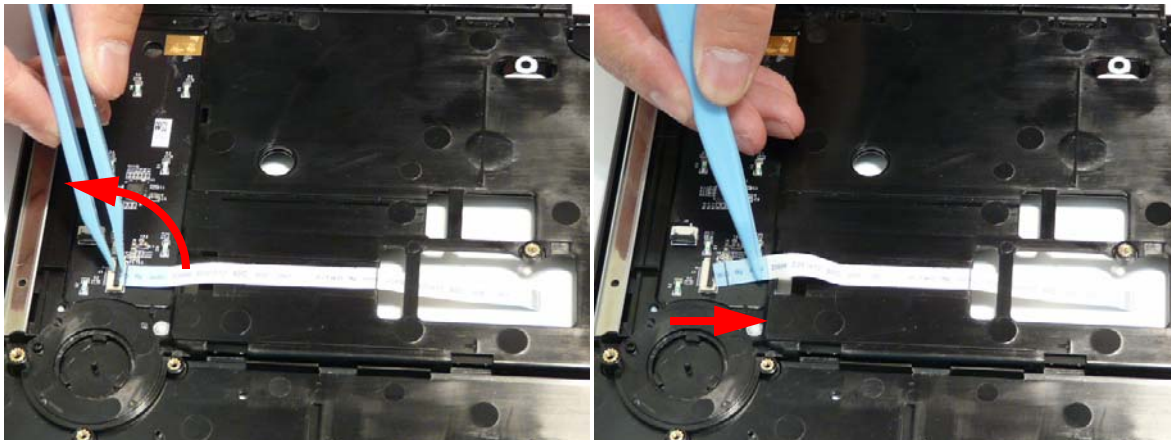
4. Remove the FFC from the Upper Cover.



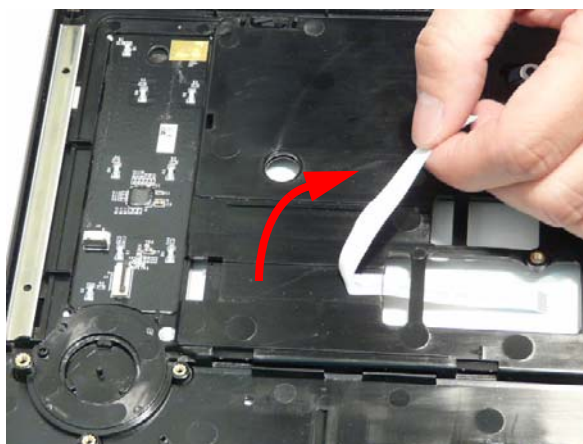
---

## Removing the Media Board

1. See "Removing the Upper Cover" on page 81.
2. Open the locking latch on the FFC and disconnect it from the Media Board.



3. Remove the FFC from the Upper Cover by peeling back the adhesive as shown.

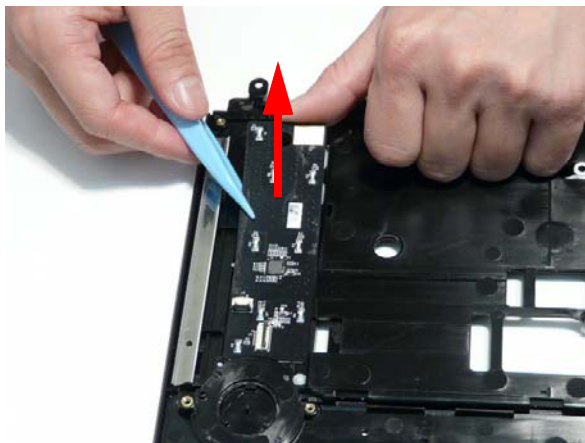


4. Carefully pry up the edge of the Media Board as shown.

**NOTE:** The Media Board is secured in place with strong adhesive; ensure that the board is not deformed during removal.



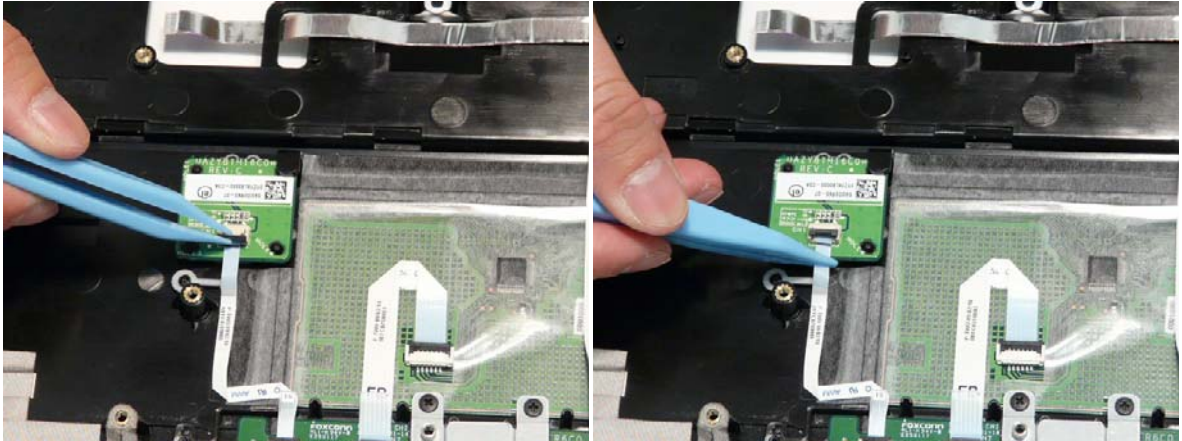
- 
5. Lift the Media Board clear of the Upper Cover.



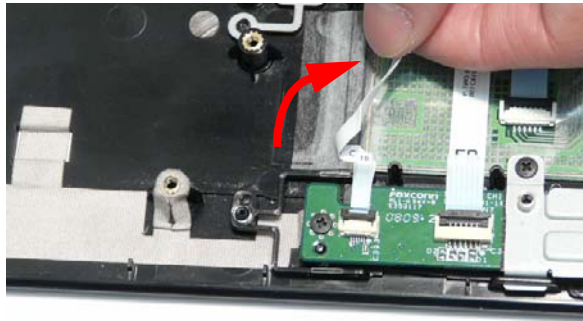
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## Removing the TouchPad Lock Board

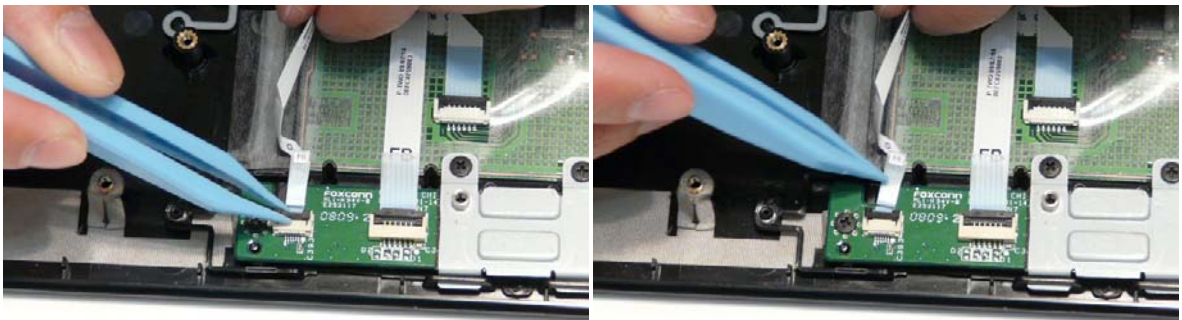
1. See "Removing the Upper Cover" on page 81.
2. Open the locking latch on the FFC and disconnect it from the TouchPad Lock Board.



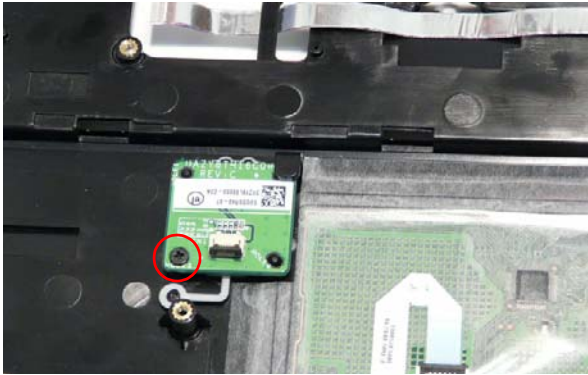
3. Lift the FFC away from the Upper Cover to detach the adhesive securing it in place.



4. Open the locking latch on the FFC and disconnect it from the Finger Print Reader.



5. Remove the single screw securing the board to the Upper Cover.



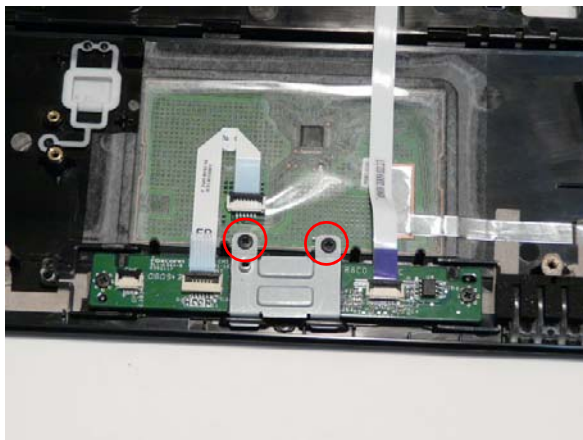
| Step                | Size | Quantity | Screw Type                                                                          |
|---------------------|------|----------|-------------------------------------------------------------------------------------|
| TouchPad Lock Board | M2*3 | 1        |  |

6. Lift and rotate the board in the direction of the arrow to remove it from the Upper Cover.



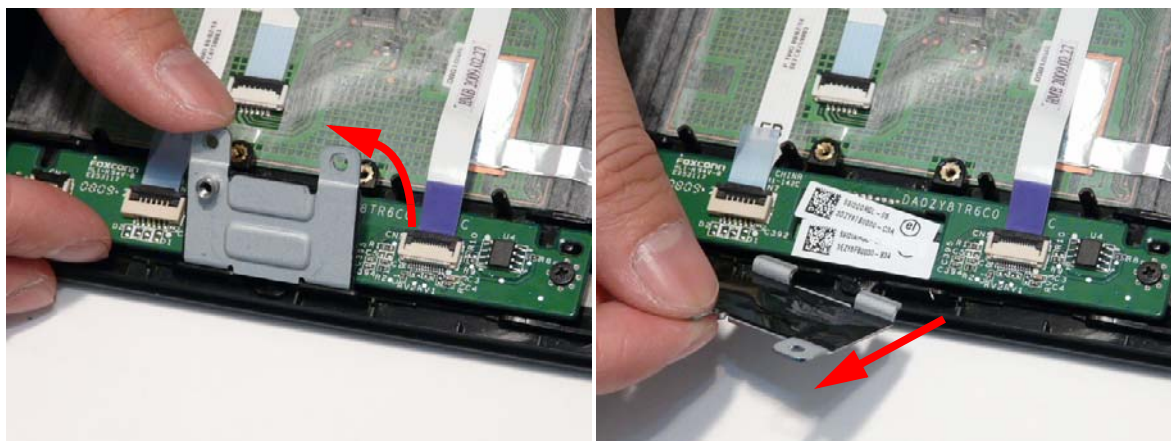
## Removing the Finger Print Reader Bracket

1. See "Removing the Upper Cover" on page 81.
2. Remove the two screws securing the bracket to the Upper Cover.



| Step                        | Size | Quantity | Screw Type                                                                          |
|-----------------------------|------|----------|-------------------------------------------------------------------------------------|
| Finger Print Reader Bracket | M2*3 | 2        |  |

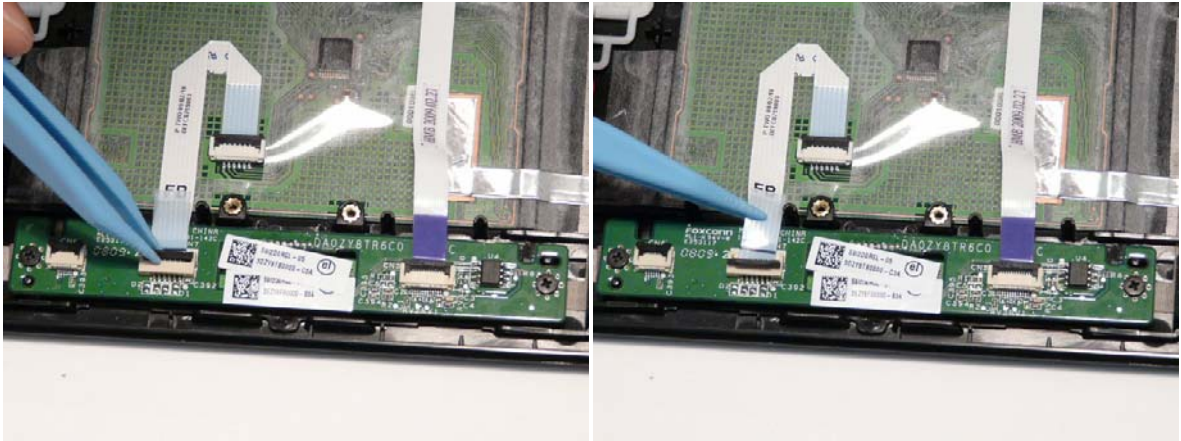
3. Rotate the bracket away from the Upper Cover and remove it as shown.



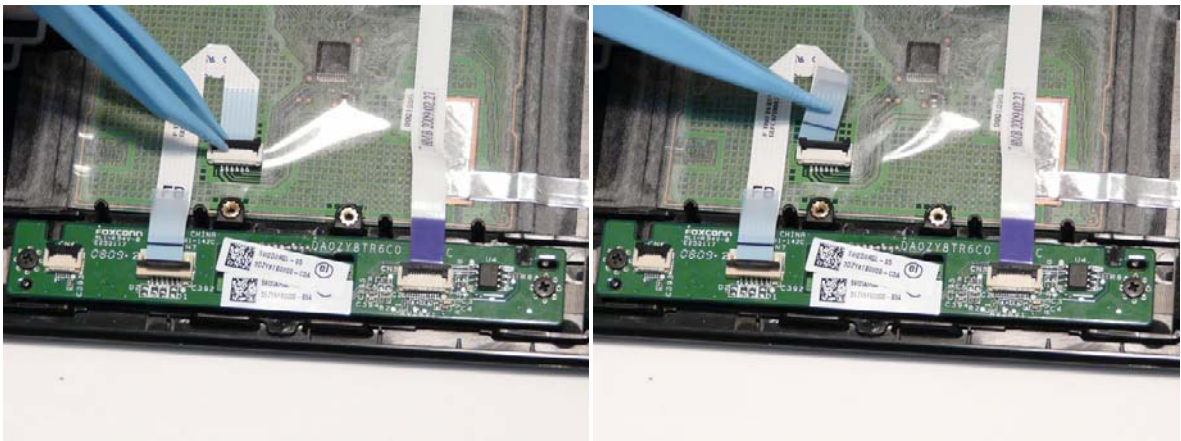
## Removing the TouchPad Board

**IMPORTANT:** The TouchPad is supplied as part of the Upper Cover. If the TouchPad is defective, replace the entire Upper Cover.

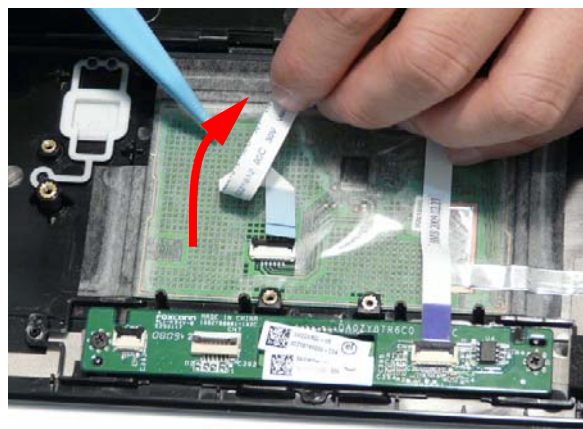
1. See “Removing the Finger Print Reader Bracket” on page 93.
2. Open the locking latch on the FFC and disconnect it from the TouchPad Board.



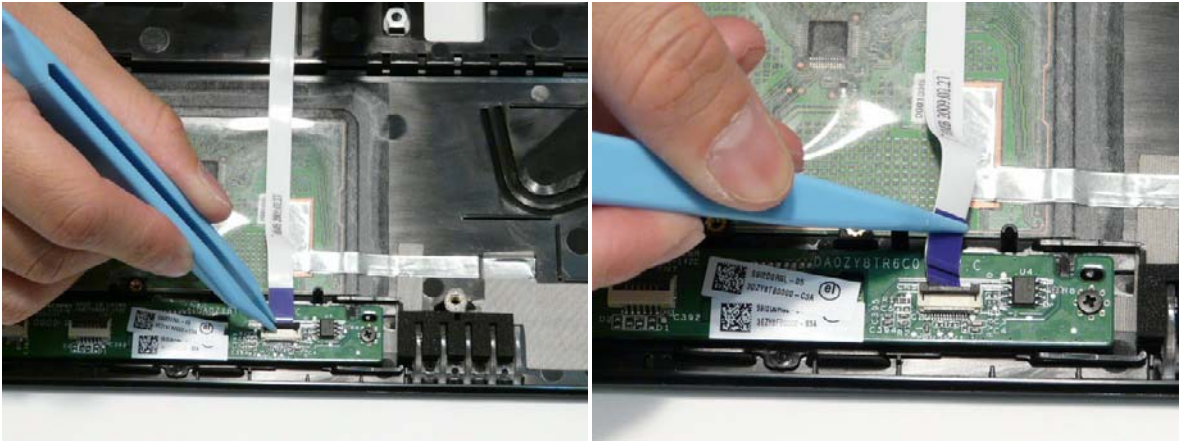
3. Open the locking latch on the FFC and disconnect it from the TouchPad.



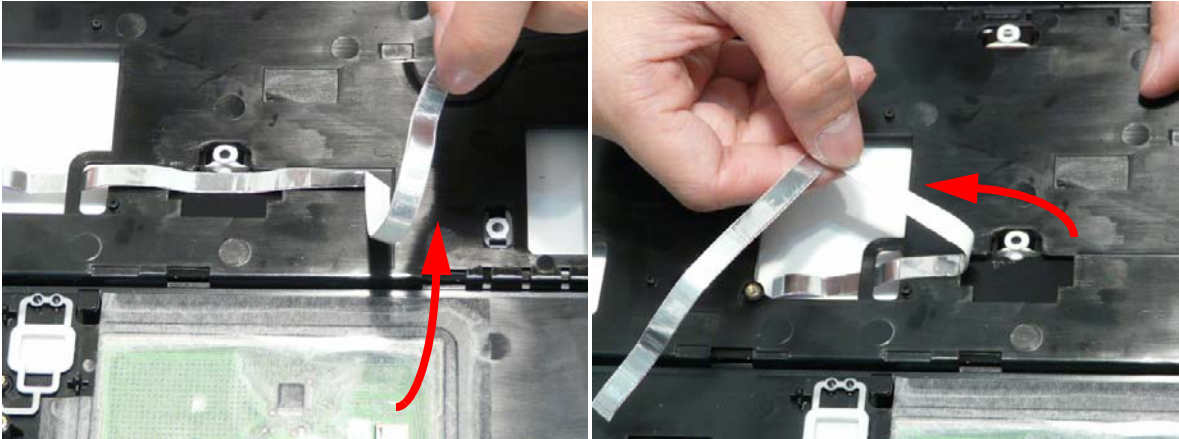
4. Remove the FFC from the Upper Cover as shown.



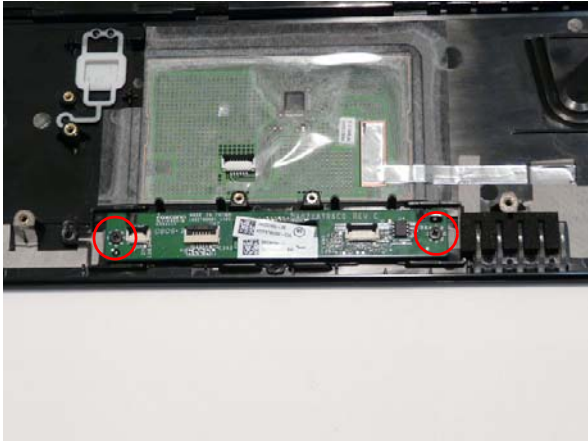
5. Open the locking latch on the FFC and disconnect it from the TouchPad Board.



6. Remove the FFC from the Upper Cover as shown.



7. Remove the two screws securing the TouchPad Board in place.



| Step                | Size | Quantity | Screw Type                                                                            |
|---------------------|------|----------|---------------------------------------------------------------------------------------|
| Finger Print Reader | M2*3 | 2        |  |

- 
8. Lift the board clear of the Upper Cover.

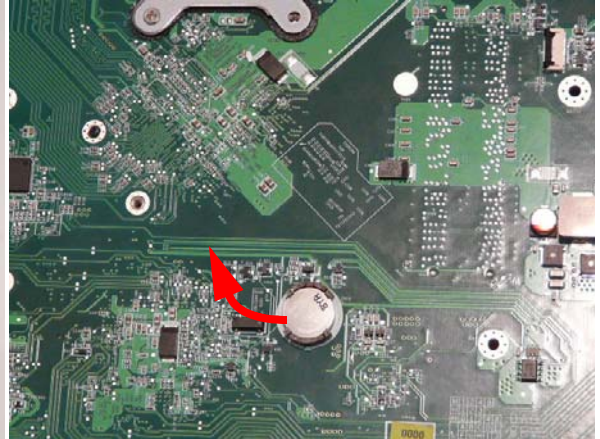


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## Removing the RTC Battery

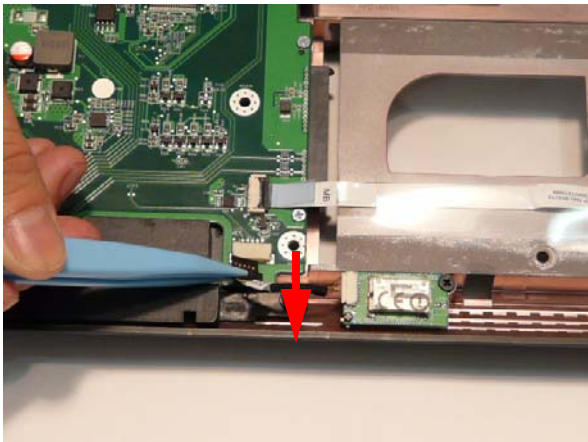
**IMPORTANT:** Follow local regulations for disposal of all batteries.

1. See “Removing the Upper Cover” on page 81.
2. To replace the battery, pry the existing battery out of the Mainboard and press a replacement down firmly in to the socket.



# Removing the Bluetooth Board

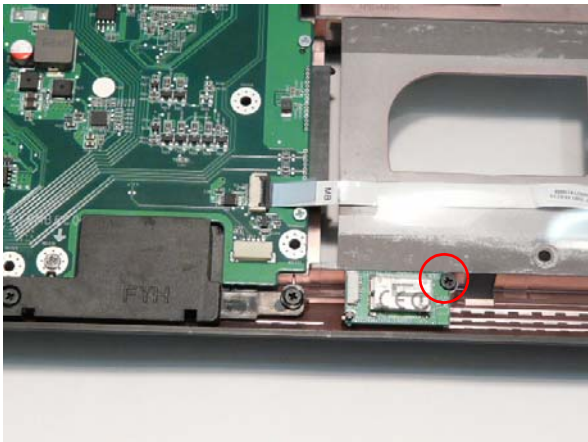
- 1. See “Removing the Upper Cover” on page 81.
- 2. Disconnect the Bluetooth cable from the Mainboard.



- 3. Disconnect the Bluetooth cable from the Bluetooth Board.



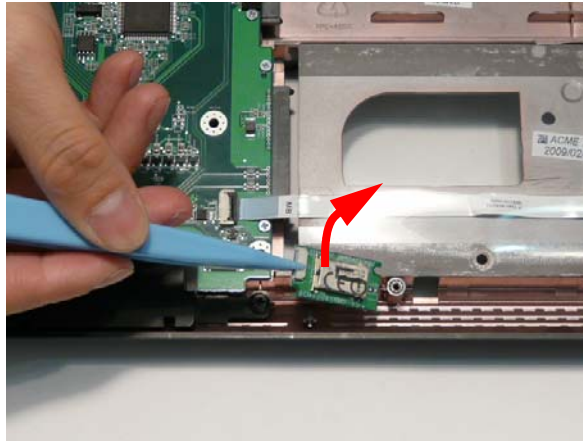
- 4. Remove the single screw securing the Bluetooth Board to the Lower Cover.



| Step            | Size | Quantity | Screw Type                                                                            |
|-----------------|------|----------|---------------------------------------------------------------------------------------|
| Bluetooth Board | M2*3 | 1        |  |

---

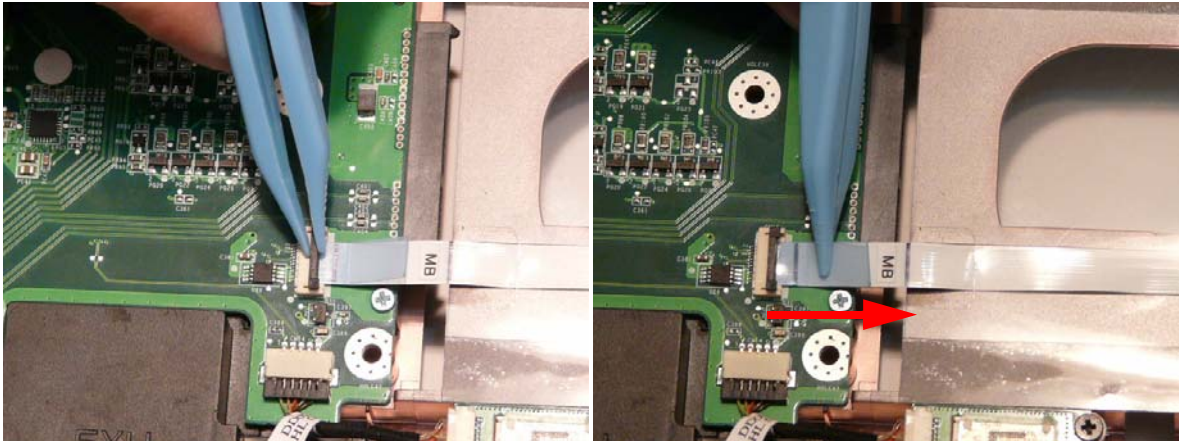
5. Remove the Bluetooth Board from the Lower Cover.



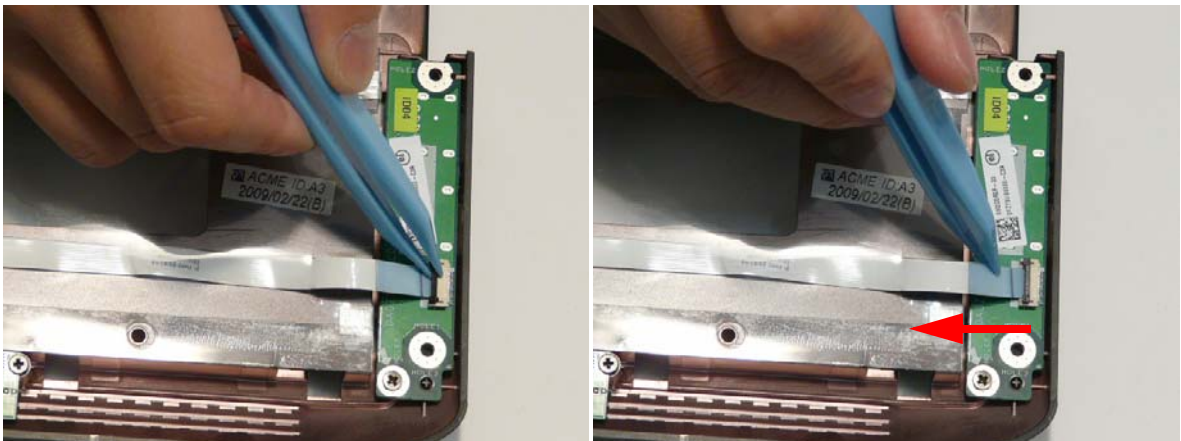
## Removing the USB Board

**IMPORTANT:** The USB FFC is supplied as part of the Lower Cover. If the USB FFC is defective, replace the entire Lower Cover.

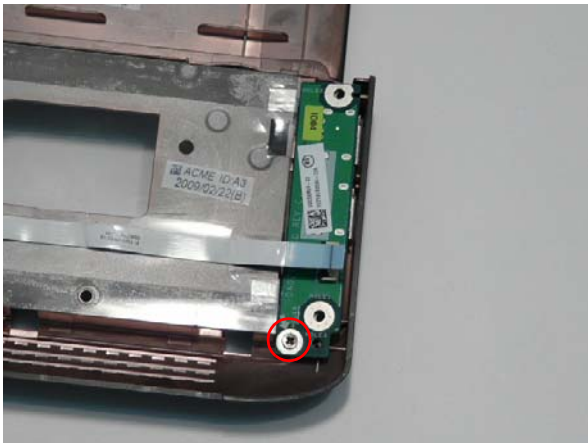
1. See “Removing the Upper Cover” on page 81.
2. Open the locking latch on the FFC and disconnect it from the Mainboard.



3. Open the locking latch on the FFC and disconnect it from the USB Board.



4. Remove the single screw securing the USB Board to the Lower Cover.



| Step      | Size   | Quantity | Screw Type                                                                          |
|-----------|--------|----------|-------------------------------------------------------------------------------------|
| USB Board | M2.5*4 | 1        |  |

5. Remove the USB Board from the Lower Cover as shown.



**IMPORTANT:** The USB FFC is supplied as part of the Lower Cover. If the USB FFC is defective, replace the entire Lower Cover.

# Removing the Power Saving Board

- 1. See “Removing the Upper Cover” on page 81.
- 2. Remove the single securing screw from the board.



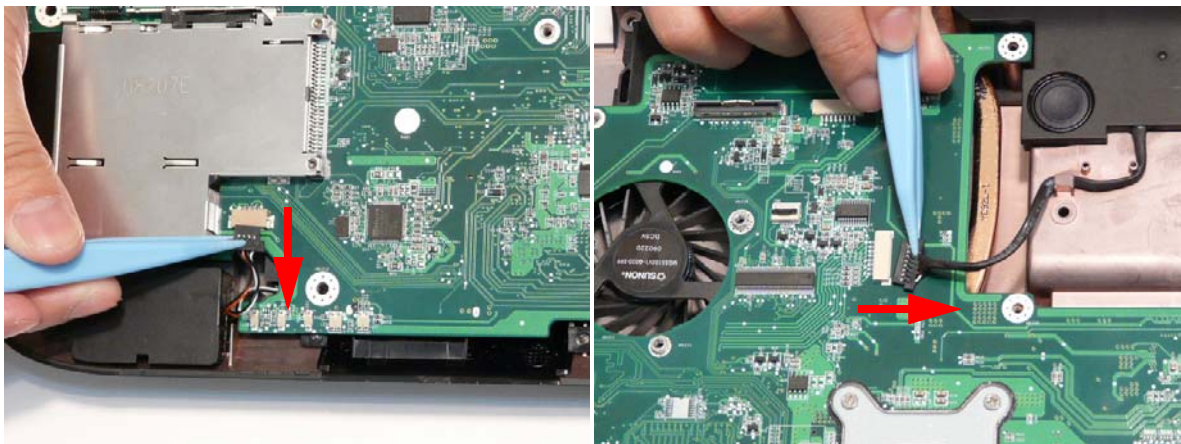
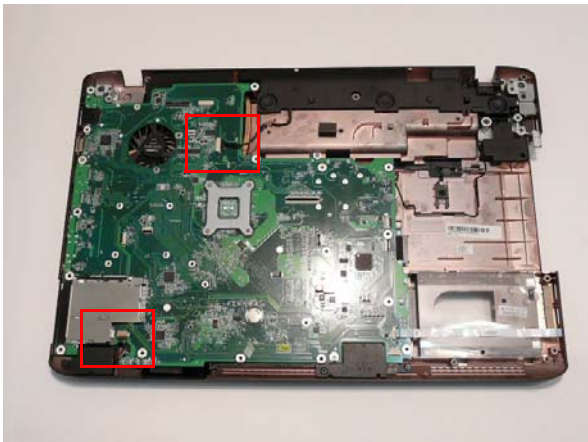
| Step               | Size   | Quantity | Screw Type                                                                          |
|--------------------|--------|----------|-------------------------------------------------------------------------------------|
| Power Saving Board | M2.5*4 | 1        |  |

- 3. Remove the board from the chassis.

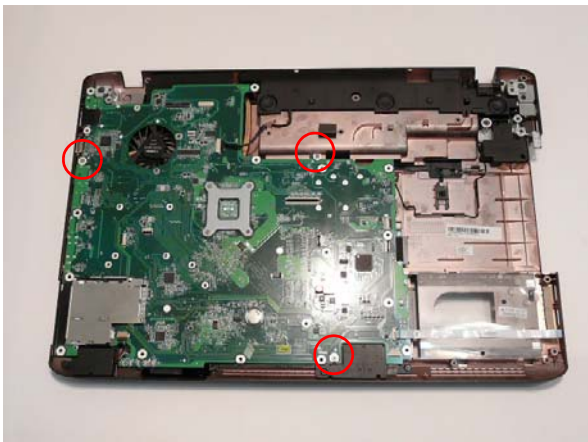


# Removing the Mainboard

- 1. See “Removing the Hinge Supports” on page 109.
- 2. Disconnect the Speaker and Subwoofer cables from the Mainboard.

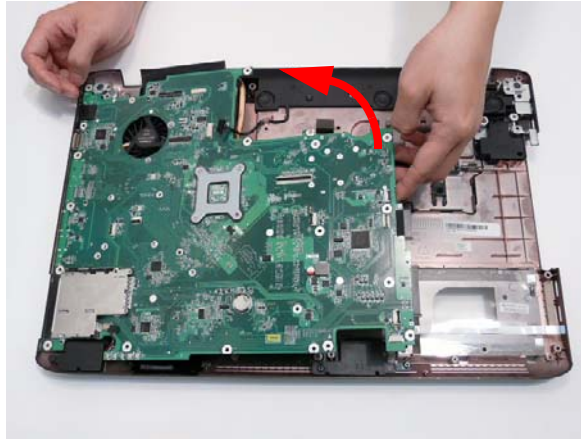


- 3. Remove the three screws securing the Mainboard to the Lower Cover.



| Step      | Size   | Quantity | Screw Type                                                                            |
|-----------|--------|----------|---------------------------------------------------------------------------------------|
| Mainboard | M2.5*4 | 3        |  |

- 
4. Pivot the Mainboard upward and remove it from the chassis, right side first. Place the Mainboard on a clean, dust-free surface.



# Removing the Kensington Lock Bracket

- 1. See "Removing the Upper Cover" on page 81.
- 2. Remove the single screw securing the Kensington Lock Bracket to the Lower Cover.



| Step                    | Size | Quantity | Screw Type                                                                          |
|-------------------------|------|----------|-------------------------------------------------------------------------------------|
| Kensington Lock Bracket | M2*3 | 1        |  |

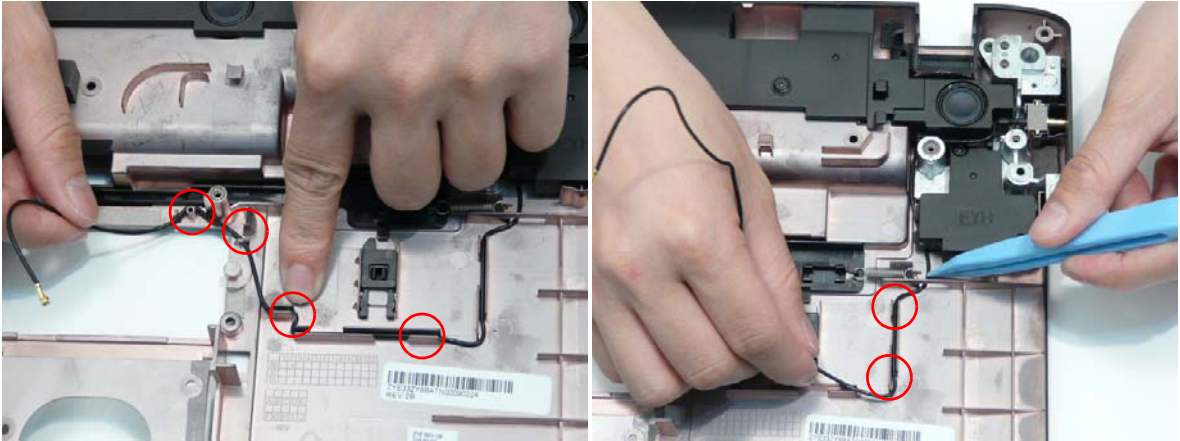
- 3. Lift the bracket clear of the Lower Cover.  
**NOTE:** The TV Tuner Antenna located under the bracket may lift away with the bracket.



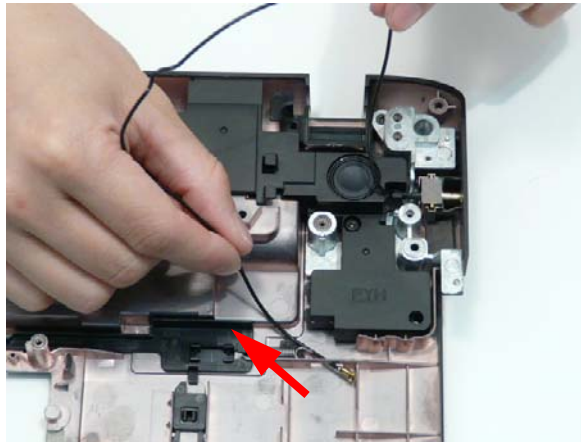
---

## Removing the TV Tuner Antenna

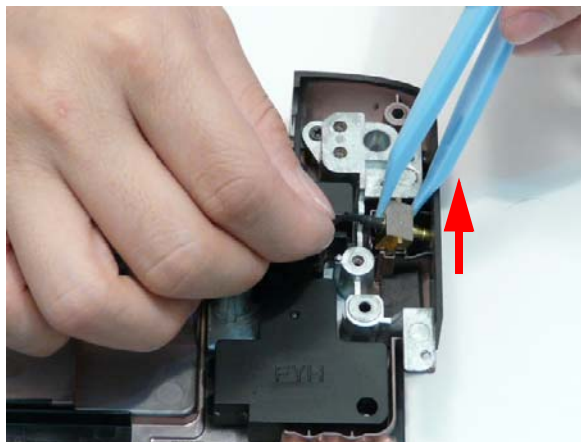
1. See "Removing the Kensington Lock Bracket" on page 105.
2. Remove the Antenna cable from the cable channel as shown. Ensure that the cable is free from all cable clips.



3. Pull the Antenna cable through the casing as shown.



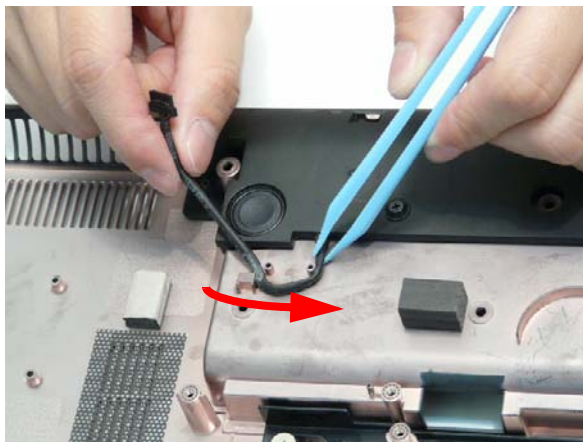
4. Remove the TV Tuner Antenna from the Lower Cover.



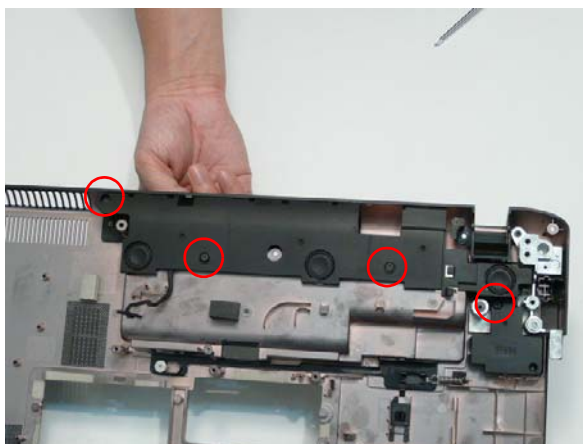
---

## Removing the Subwoofer

1. See “Removing the TV Tuner Antenna” on page 106.
2. Remove the Subwoofer cable from the cable channel. Ensure that the cable is free from all cable clips.

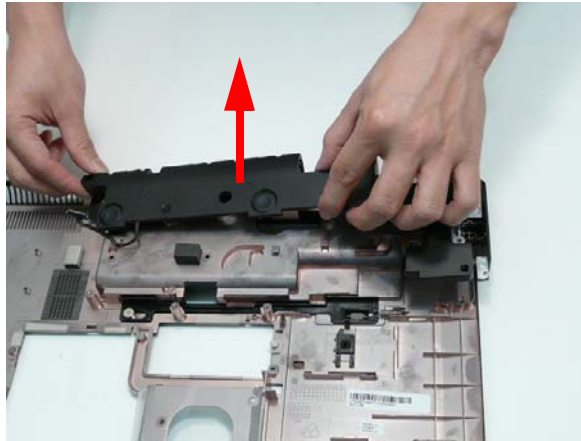


3. Remove the four screw securing the Subwoofer to the Lower Cover.  
**NOTE:** The screws securing the Subwoofer in place are cushioned by rubber washers. Ensure that the washers are replaced before replacing the screws.



| Step      | Size | Quantity | Screw Type                                                                            |
|-----------|------|----------|---------------------------------------------------------------------------------------|
| Subwoofer |      | 4        |  |

- 
4. Using both hands, lift the Subwoofer clear of the Lower Cover.



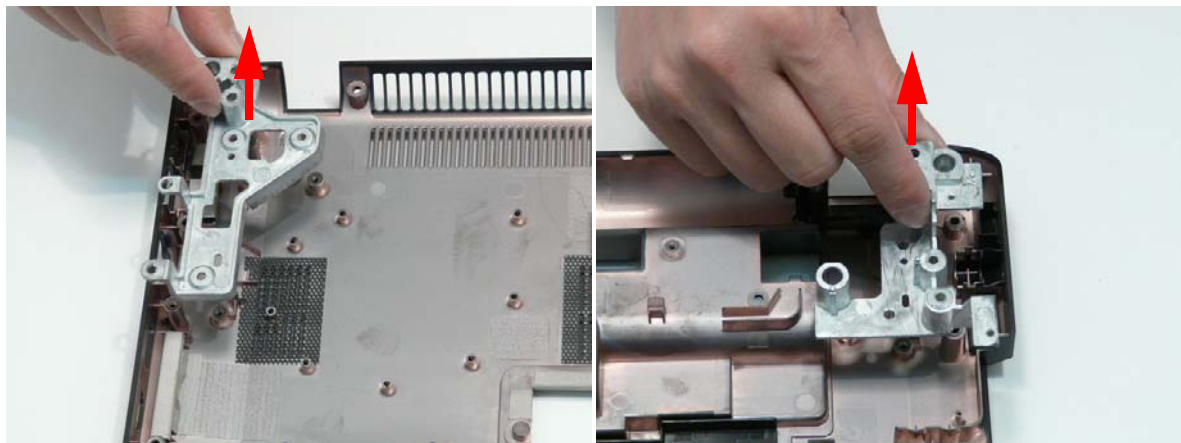
# Removing the Hinge Supports

- 1. See “Removing the Subwoofer” on page 107.
- 2. Remove the six screws (three each side) securing the Hinge Supports to the Lower Cover.



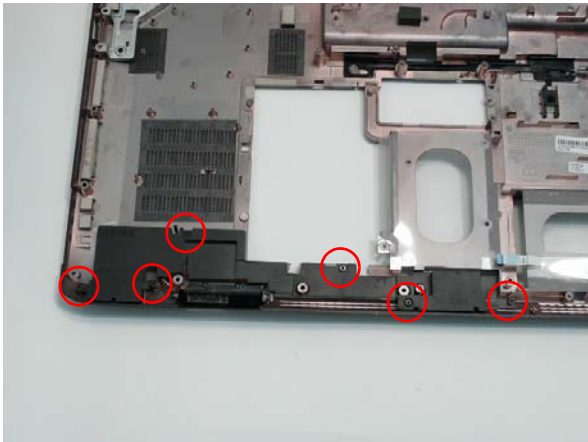
| Step           | Size   | Quantity | Screw Type                                                                          |
|----------------|--------|----------|-------------------------------------------------------------------------------------|
| Hinge Supports | M2.5*4 | 6        |  |

- 3. Lift the Hinge Supports clear of the Lower Cover.



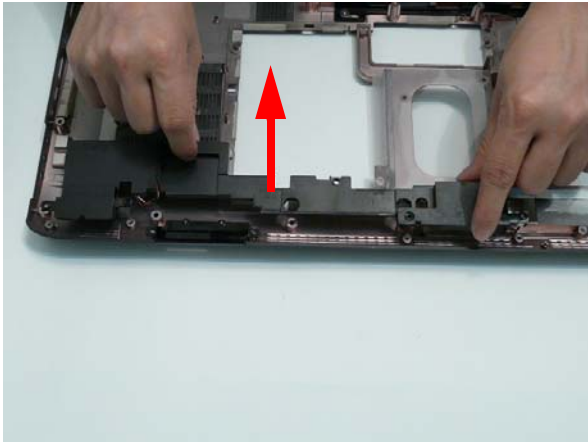
# Removing the Speaker Module

- 1. See “Removing the Mainboard” on page 103.
- 2. Remove the six screws securing the Speaker Module in place.  
**NOTE:** The screws securing the Speaker Module in place are cushioned by rubber washers. Ensure that the washers are replaced before replacing the screws.



| Step           | Size | Quantity | Screw Type                                                                          |
|----------------|------|----------|-------------------------------------------------------------------------------------|
| Speaker Module |      | 6        |  |

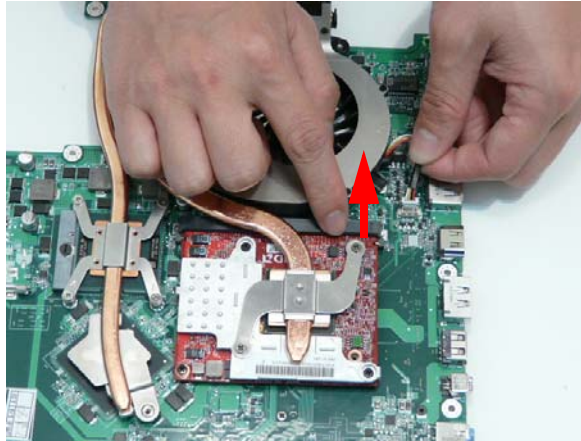
- 3. Using both hands, lift the Speaker Module upward to remove it from the Lower Cover.



---

## Removing the Thermal Module

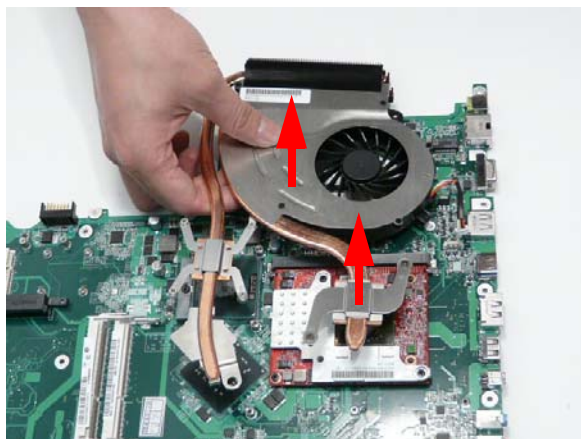
1. See “Removing the Mainboard” on page 103.
2. Disconnect the fan cable from the Mainboard.



3. Loosen the six captive screws (in reverse numerical order from screw 6 to screw 1) securing the Thermal Module in place.

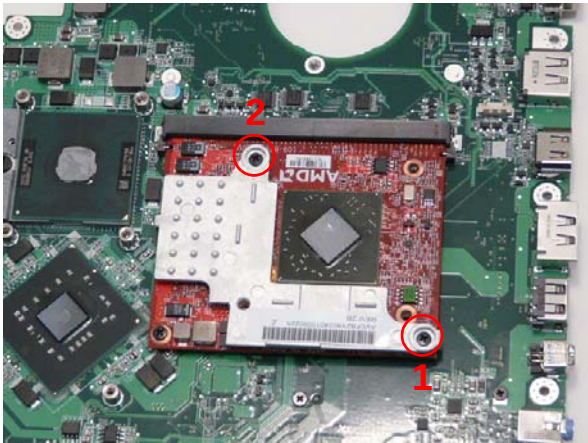


4. Lift the Thermal Module clear of the Mainboard.



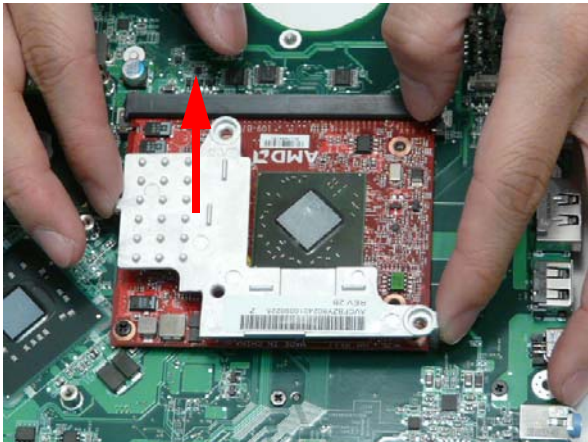
# Removing the Graphics Card Heatsink

- 1. See “Removing the Thermal Module” on page 111.
- 2. Remove the two screws (in reverse numerical order from 2 to 1) securing the Graphics Card Heatsink to the Mainboard.



| Step                   | Size     | Quantity | Screw Type                                                                          |
|------------------------|----------|----------|-------------------------------------------------------------------------------------|
| Graphics Card Heatsink | M2.5*6.5 | 2        |  |

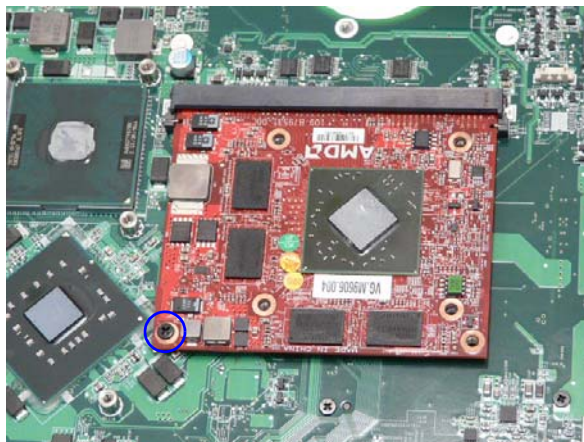
- 3. Lift the heatsink away from the Graphics Card as shown.



---

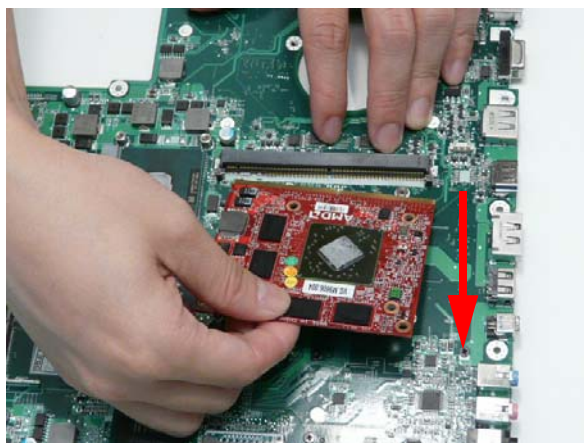
## Removing the Graphics Card

1. See "Removing the Graphics Card Heatsink" on page 112.
2. Remove the single screw securing the Graphics Card to the Mainboard.



| Step          | Size     | Quantity | Screw Type                                                                          |
|---------------|----------|----------|-------------------------------------------------------------------------------------|
| Graphics Card | M2.5*6.5 | 1        |  |

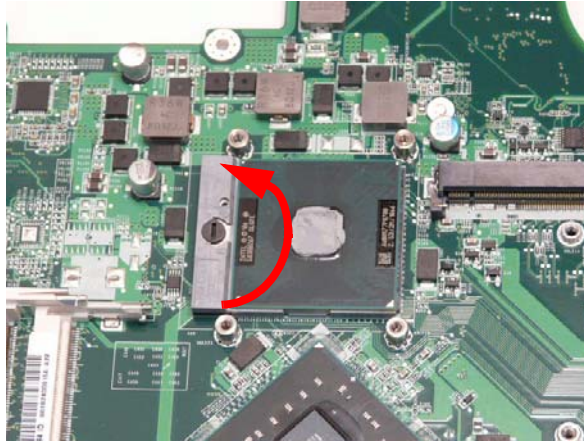
3. Remove the Graphics Card from the Mainboard connector.



---

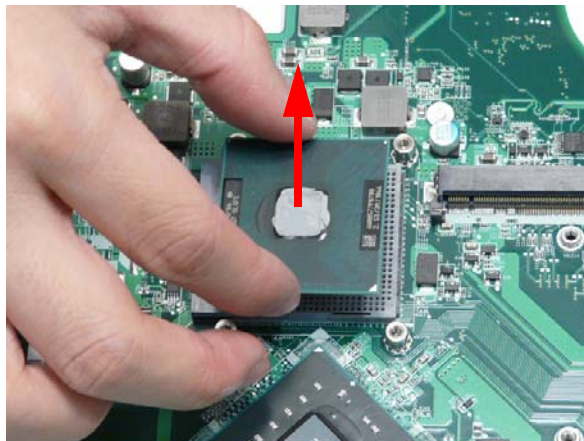
## Removing the CPU

1. See “Removing the Thermal Module” on page 111.
2. Turn the securing screw 180° to release the CPU from the socket.



3. Remove the CPU from the socket as shown.

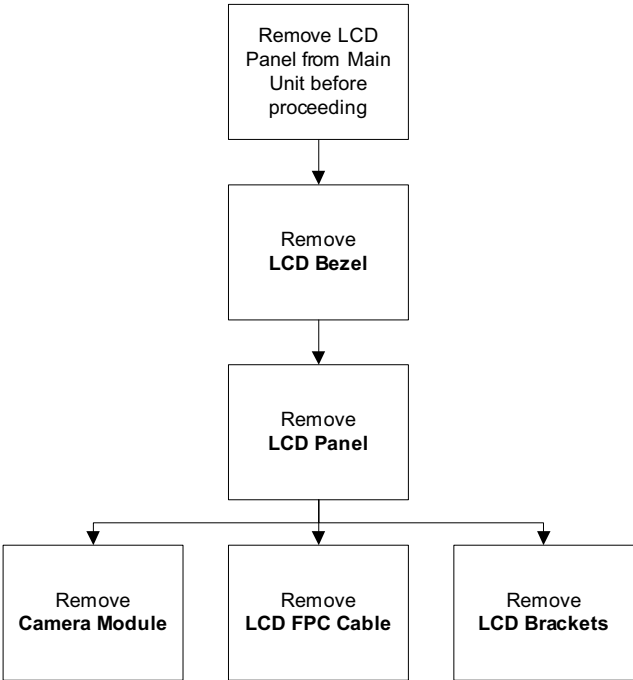
**IMPORTANT:** The pins on the underside of the CPU are very delicate. If they are damaged, the CPU may malfunction. Place the CPU on a clean, dry surface when it is not installed.



# LCD Module Disassembly Process

The SM80 ships with either a Standard Bezel or Flush Bezel with glass panel LCD Module. The following sections detail the two distinct procedures, beginning with the Standard Bezel detailed below.

## Standard Bezel LCD Module Disassembly Flowchart



### Screw List

| Step         | Screw  | Quantity | Part No.     |
|--------------|--------|----------|--------------|
| LCD Bezel    | M2.5*4 | 2        | 86.N1407.003 |
|              | M2.5*5 | 2        | 86.ARE07.004 |
| LCD Panel    | M2.5*4 | 6        | 86.N1407.003 |
|              | M2*3   | 1        | 86.S0207.001 |
| LCD Brackets | M2*3   | 8        | 86.S0207.001 |

# Removing the Standard LCD Bezel

- 1. See “Removing the LCD Module” on page 78.
- 2. Remove the four screw caps and screws from the LCD Bezel.



| Step                                  | Size   | Quantity | Screw Type                                                                          |
|---------------------------------------|--------|----------|-------------------------------------------------------------------------------------|
| Standard LCD Bezel<br>(red callout)   | M2.5*4 | 2        |  |
| Standard LCD Bezel<br>(green callout) | M2.5*5 | 2        |  |

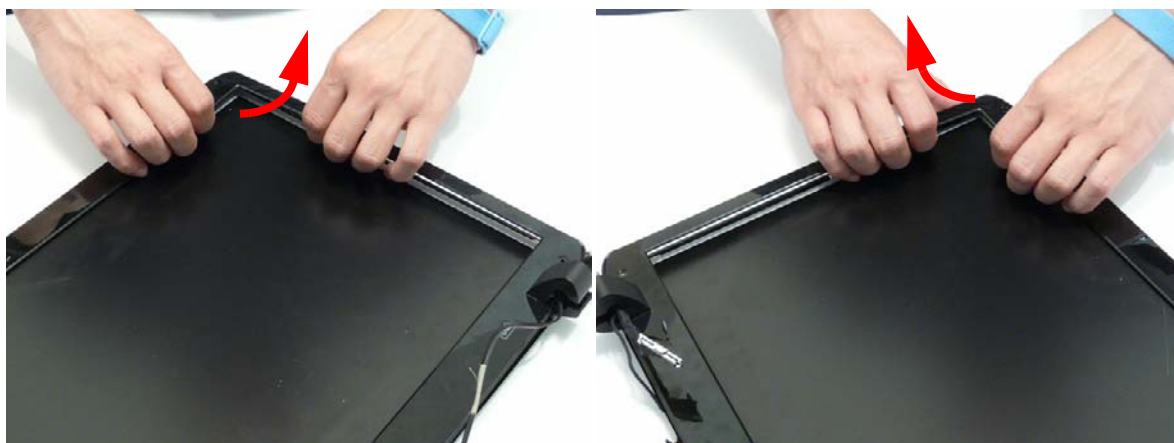
- 3. Starting from the inside bottom edge, pry the Bezel away from the panel. Move along the bottom edge toward the hinges as shown.



4. Pry apart the right the left hinge wells as shown.



5. Pry apart the upper right and left corners of the bezel.



6. Pry apart the top edge of the bezel as shown.



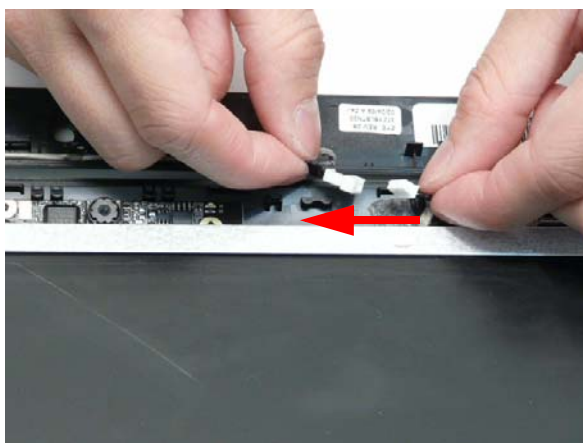
7. Lift the bottom edge of the bezel away from the LCD Module as shown.

**IMPORTANT:** Do not completely remove the bezel; the Microphone cable is still attached to the bezel.

8. Flip the bezel over to expose the Microphone cable and module.



9. Disconnect the Microphone cable connector as shown and remove the bezel from the LCD Module.



# Removing the LCD Panel

- 1. See “Removing the Standard LCD Bezel” on page 116.
- 2. Remove the seven screws securing the LCD Panel to the cover.



**NOTE:** The six bracket screws are numbered from 1 to 3 on each bracket. Remove the screws in reverse order from 3 to 1.



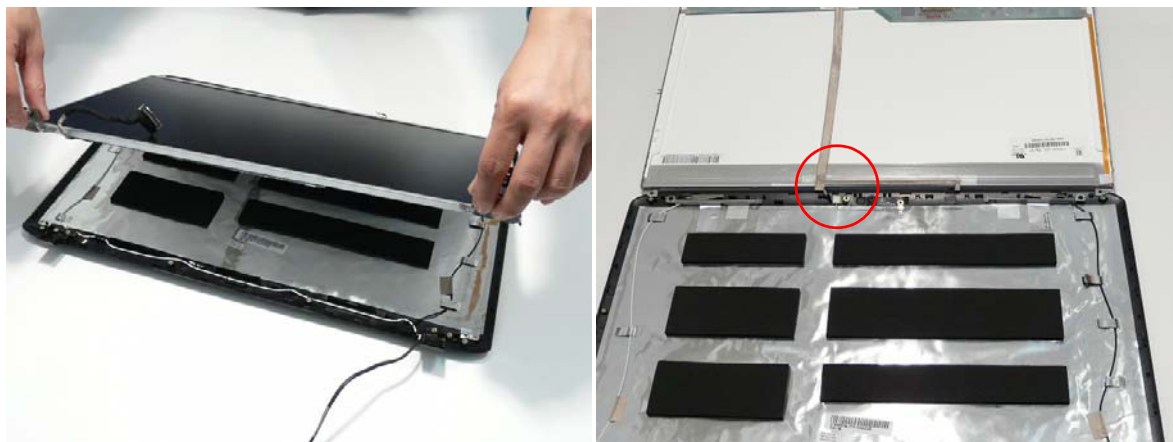
| Step                         | Size   | Quantity | Screw Type                                                                            |
|------------------------------|--------|----------|---------------------------------------------------------------------------------------|
| LCD Panel<br>(red callout)   | M2.5*4 | 6        |  |
| LCD Panel<br>(green callout) | M2*3   | 1        |  |

3. Remove the LVDS and Antenna cables from the left and right hinge wells as shown. Ensure that the cables are free from all cable clips.

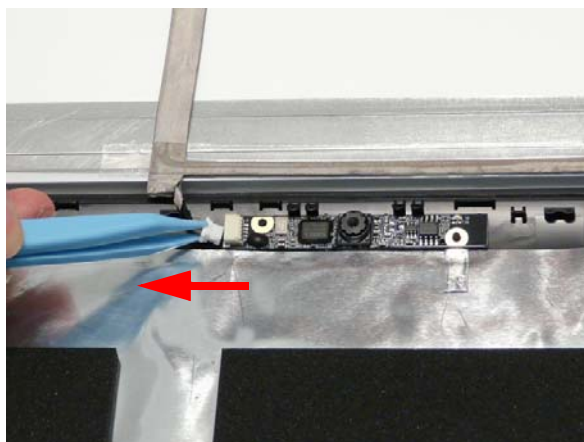


4. Lift the panel front edge first as shown and flip it over to expose the Camera Module.

**IMPORTANT:** Do not completely remove the panel; the Camera cable is still attached to the back of the panel.



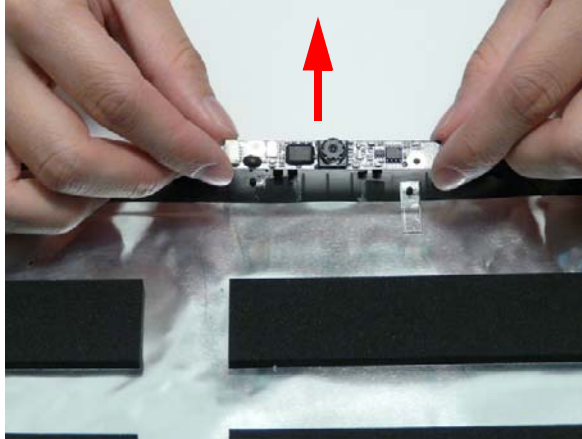
5. Disconnect the Camera connector as shown and remove the panel from the LCD cover.



---

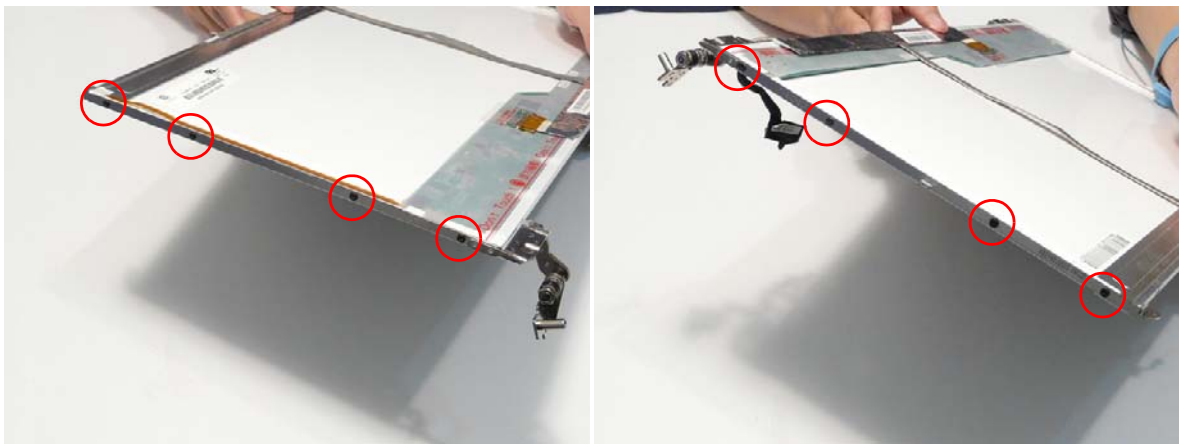
## Removing the Camera Board

1. See “Removing the LCD Panel” on page 119.
2. Remove the Camera Board from the LCD Module.



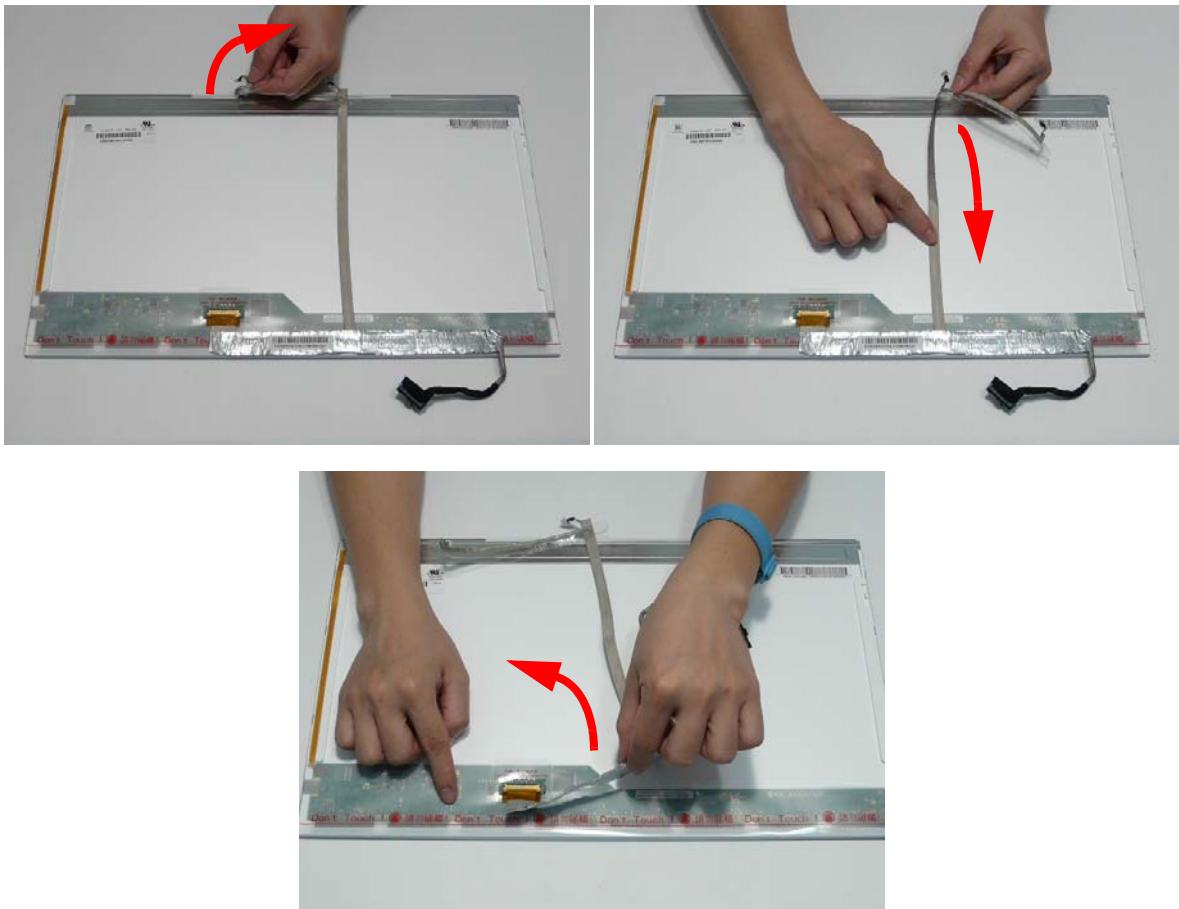
# Removing the LCD Brackets and FPC Cable

- 1. See “Removing the LCD Panel” on page 119.
- 2. Remove the eight securing screws (four each side) from the LCD Panel brackets.

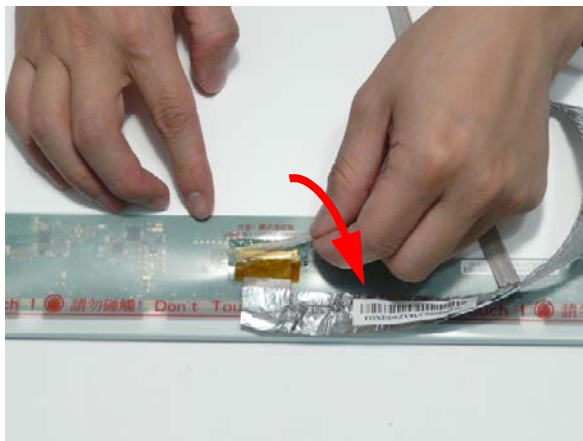


| Step         | Size | Quantity | Screw Type                                                                          |
|--------------|------|----------|-------------------------------------------------------------------------------------|
| LCD Brackets | M2*3 | 8        |  |

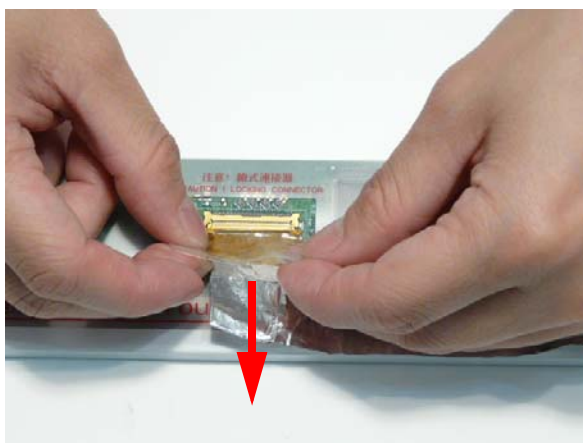
- 3. Remove the brackets from the LCD Panel.
- 4. Turn the panel over. Lift the cable as shown to detach the adhesive from the panel.



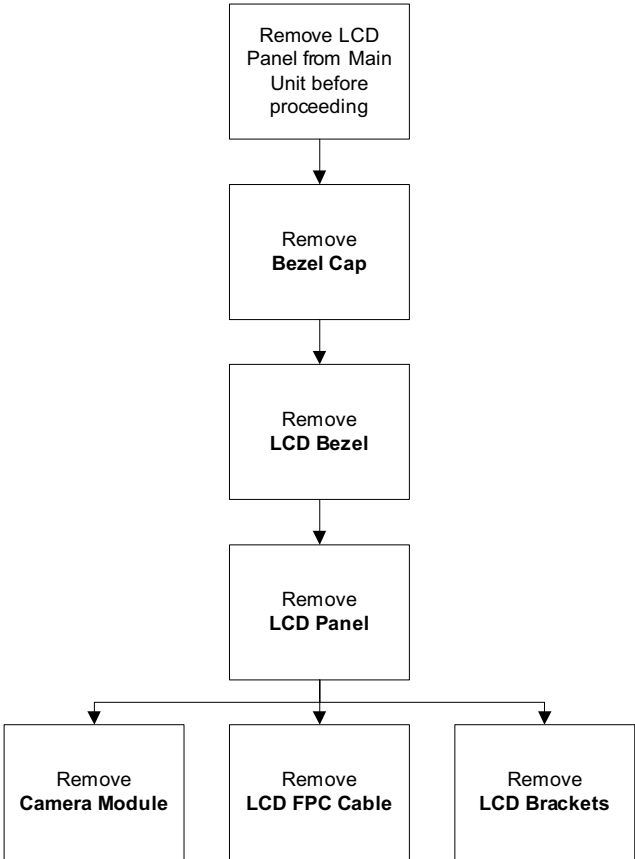
- 
5. Carefully lift the adhesive tape protecting the cable connector.



6. Disconnect the cable from the LCD Panel as shown.



# Flush Bezel LCD Module Disassembly Flowchart



Screw List

| Step          | Screw  | Quantity | Part No. |
|---------------|--------|----------|----------|
| LCD Bezel Cap | M2.5*4 | 2        |          |
| LCD Panel     | M2.5*4 | 8        |          |
|               | M2*3   | 1        |          |
| LCD Brackets  | M2*3   | 8        |          |

# Removing the Flush LCD Bezel Cap

- 1. See “Removing the LCD Module” on page 78.
- 2. Remove the two screw caps and screws securing the Bezel Cap to the LCD Module.



| Step          | Size   | Quantity | Screw Type                                                                          |
|---------------|--------|----------|-------------------------------------------------------------------------------------|
| LCD Bezel Cap | M2.5*4 | 2        |  |

- 3. Pinch the right hinge cover as shown to release the internal securing pins. Lift the right side of the Bezel Cap as shown.



- 
4. Pinch the left hinge cover as shown to release the internal securing pins. Lift the left side of the Bezel Cap as shown.



5. Rotate the Bezel Cap away from the LCD Module and remove the cap from the module.



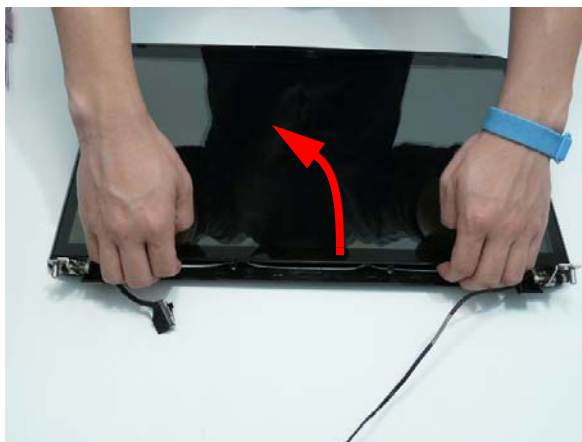
---

## Removing the Flush LCD Bezel

1. See "Removing the LCD Module" on page 78.
2. Starting in the centre and working toward the top corners, pry apart the top edge of the LCD Module as shown.



3. Lift the front edge of the bezel away from the LCD Module as shown.



4. Apply pressure in the direction of the arrow (1) and lift the right side of the bezel away from the LCD Module (2).

**IMPORTANT:** Do not completely remove the bezel; the Microphone cable is still attached to the bezel.



5. Apply pressure in the direction of the arrow (1) and lift the left side of the bezel away from the LCD Module (2).  
**IMPORTANT:** Do not completely remove the bezel; the Microphone cable is still attached to the bezel.



6. Lift the bottom edge of the bezel away from the LCD Module as shown.

**IMPORTANT:** Do not completely remove the bezel; the Microphone cable is still attached to the bezel.

7. Flip the bezel over to expose the Microphone cable and module.



8. Disconnect the Microphone cable connector as shown and remove the bezel from the LCD Module.



# Removing the LCD Panel

- 1. See “Removing the Flush LCD Bezel Cap” on page 125.
- 2. Remove the nine screws securing the LCD Panel to the cover.



**NOTE:** The six bracket screws are numbered from 1 to 3 on each bracket. Remove the screws in reverse order from 3 to 1.



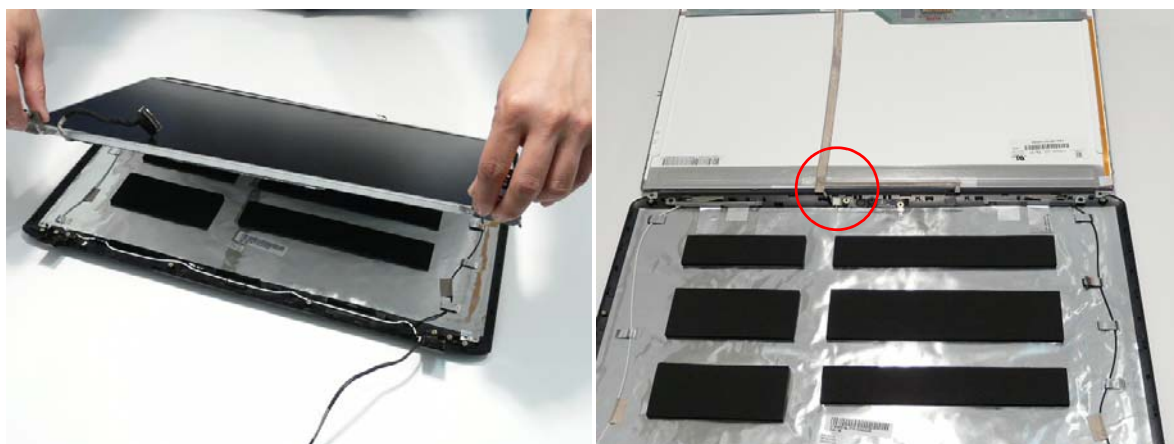
| Step                         | Size   | Quantity | Screw Type                                                                            |
|------------------------------|--------|----------|---------------------------------------------------------------------------------------|
| LCD Panel<br>(red callout)   | M2.5*4 | 8        |  |
| LCD Panel<br>(green callout) | M2*3   | 1        |  |

3. Remove the LVDS and Antenna cables from the left and right hinge wells as shown. Ensure that the cables are free from all cable clips.

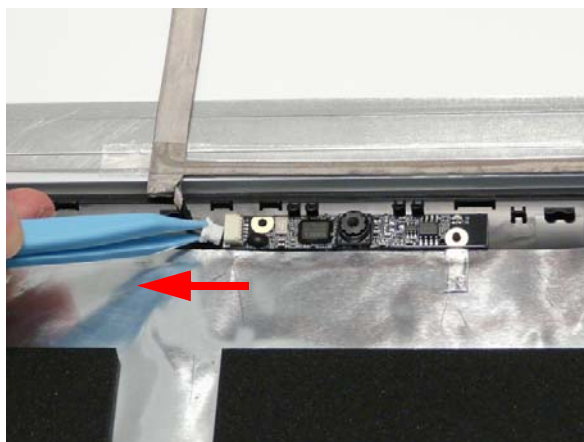


4. Lift the panel front edge first as shown and flip it over to expose the Camera Module.

**IMPORTANT:** Do not completely remove the panel; the Camera cable is still attached to the back of the panel.



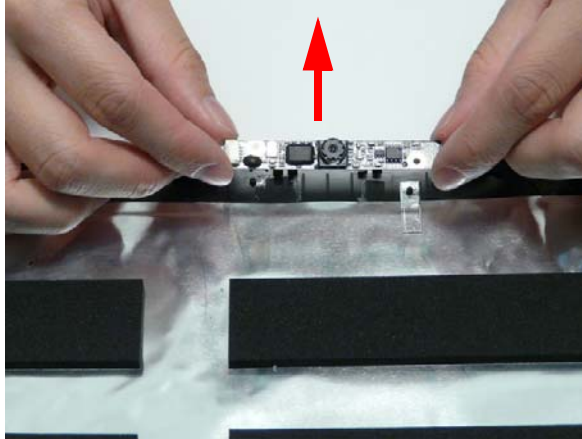
5. Disconnect the Camera connector as shown and remove the panel from the LCD cover.



---

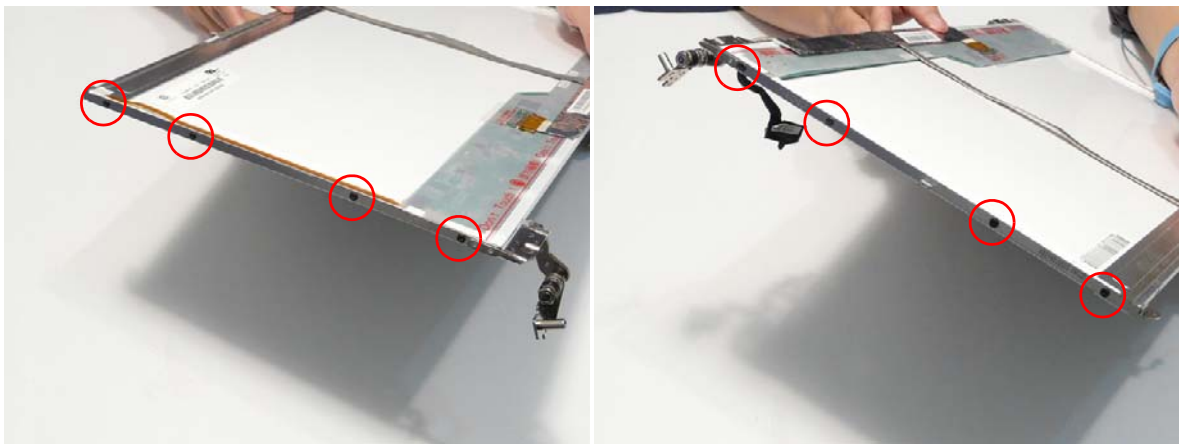
## Removing the Camera Board

1. See “Removing the LCD Panel” on page 119.
2. Remove the Camera Board from the LCD Module.



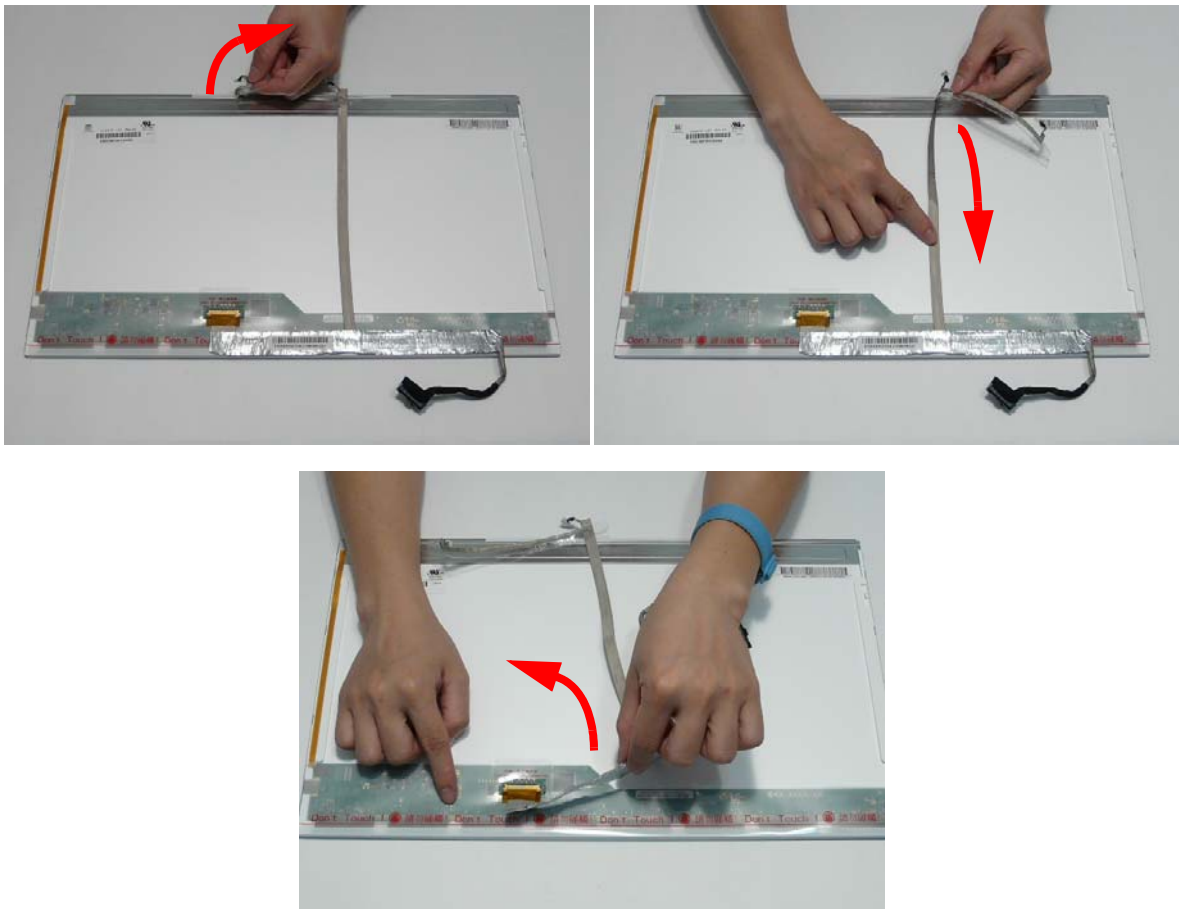
# Removing the LCD Brackets and FPC Cable

- 1. See “Removing the LCD Panel” on page 119.
- 2. Remove the eight securing screws (four each side) from the LCD Panel brackets.

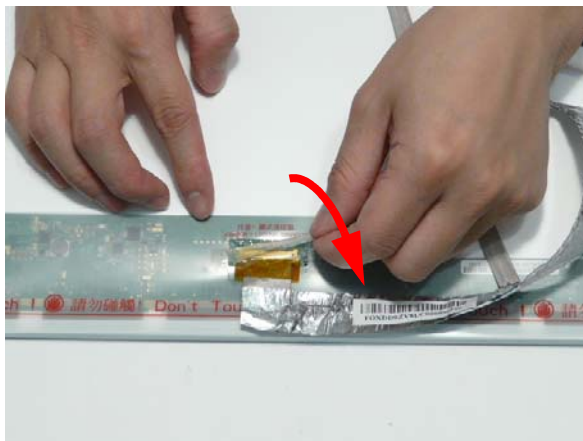


| Step         | Size | Quantity | Screw Type                                                                          |
|--------------|------|----------|-------------------------------------------------------------------------------------|
| LCD Brackets | M2*3 | 8        |  |

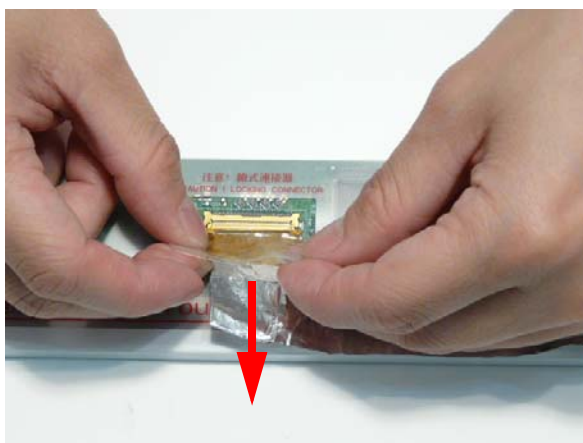
- 3. Remove the brackets from the LCD Panel.
- 4. Turn the panel over. Lift the cable as shown to detach the adhesive from the panel.



- 
5. Carefully lift the adhesive tape protecting the cable connector.



6. Disconnect the cable from the LCD Panel as shown.



# LCD Module Reassembly Procedure

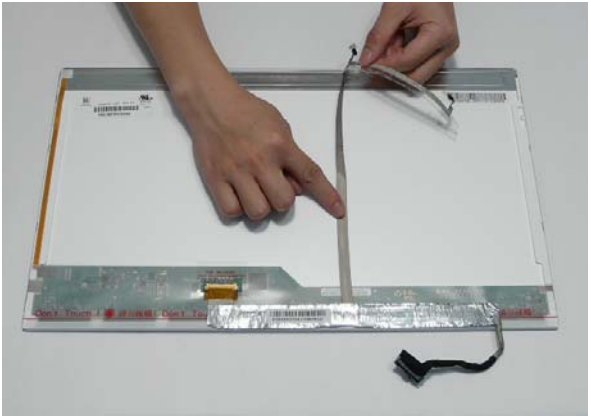
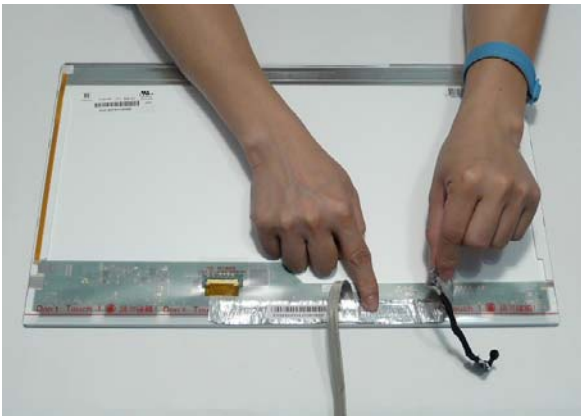
The SM80 ships with either a Standard Bezel or Flush Bezel with glass panel LCD Module. The following sections detail the two distinct procedures, beginning with the Standard Bezel detailed below.

## Standard Bezel LCD Module Reassembly—LCD Panel

1. Connect the LCD cable to the panel connector as shown.
2. Press down the adhesive strip to secure the cable in place.



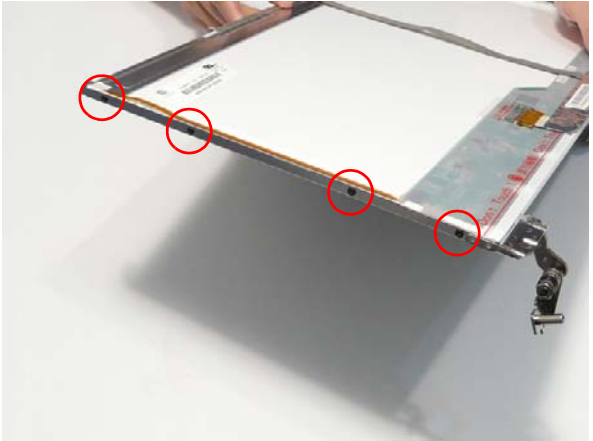
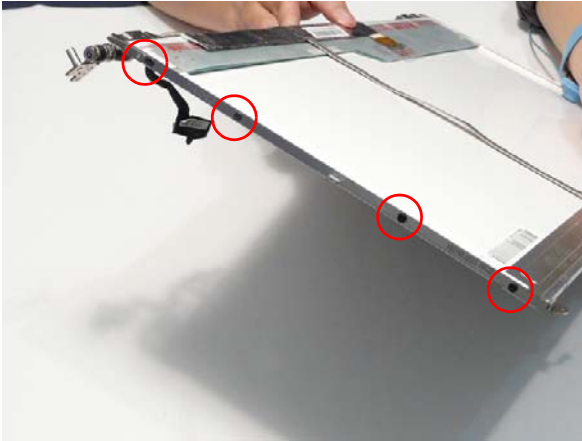
3. Run the cable along the back of the panel and press down as indicated to secure the cable in place.



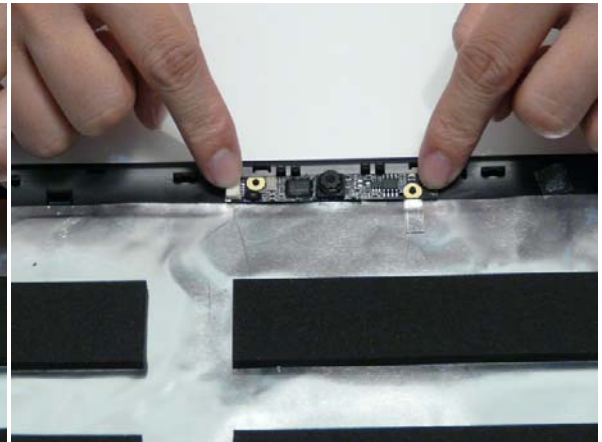
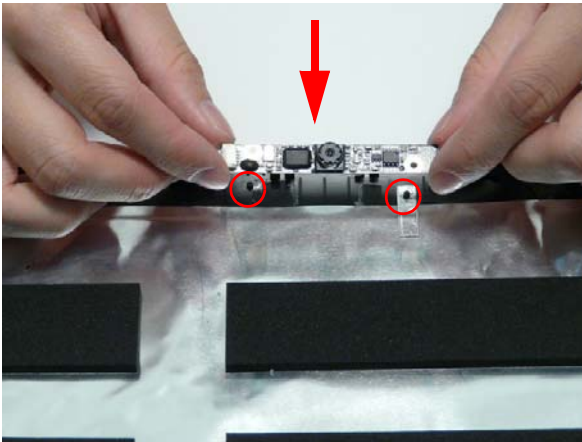
**IMPORTANT:** Ensure that the LCD cable runs between the green callouts to avoid trapping when the panel is replaced in the LCD Module.



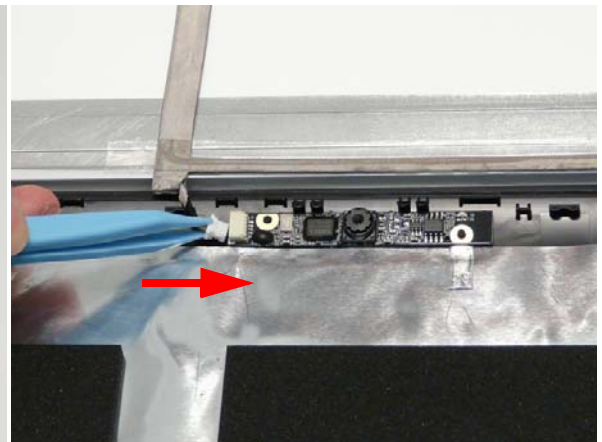
4. Align the LCD brackets with the screw holes on the panel. Replace the eight screws (four on each side) in the brackets as shown.



5. Align the Camera Board with the locating pins on the LCD Module and place the board as shown.
6. Press down as shown to secure the board in place with adhesive.



7. Place the LCD Panel adjacent to the LCD Module as shown and connect the Camera cable to the Camera Module.



- 
8. Flip the LCD Panel over and place it in the LCD Module.  
**IMPORTANT:** Ensure that the LCD cable is not trapped under the panel.



9. Run the LVDS and Antenna cables through the hinge wells as shown.



10. Secure the LCD module with seven securing screws.



---

**NOTE:** The six bracket screws are numbered from 1 to 3 on each bracket. Replace the screws in order from 1 to 3.



---

## Replacing the LCD Bezel

1. Place the LCD Bezel adjacent to the LCD Module as shown and connect the Microphone cable.



2. Flip the LCD Panel over and place it in the LCD Module.



**IMPORTANT:** Ensure that the LCD cables are not trapped in the hinge wells.



3. Press down around the perimeter of the bezel to secure it in place.



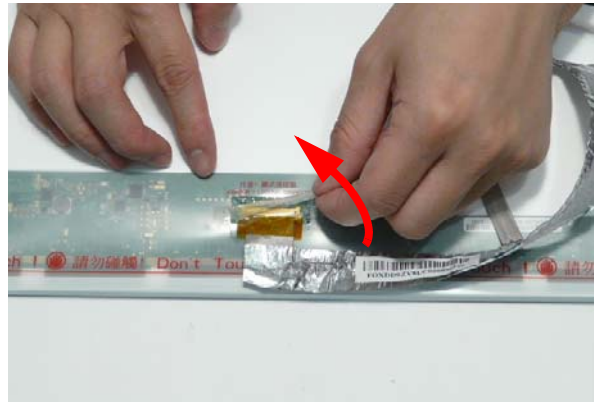
4. Replace the four screws securing the bezel to the LCD Module.

**IMPORTANT:** The Standard Bezel is secured with two different screw types: M2.5\*4—red callout and M2.5\*5—green callout. Ensure that the correct screws are used during reassembly.

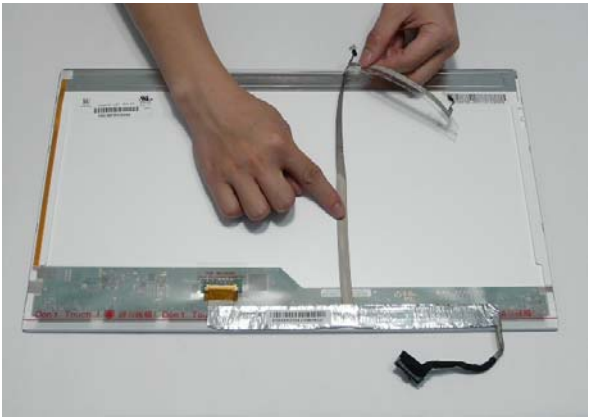
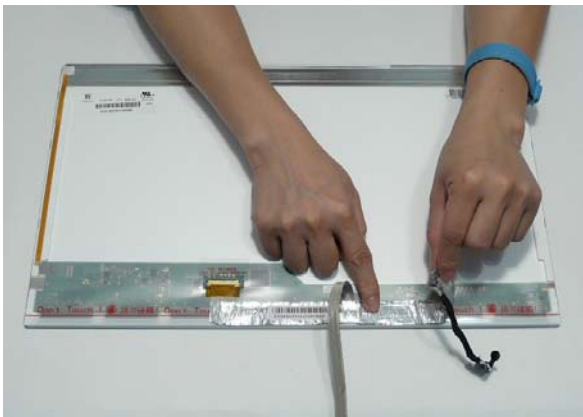


## Flush Bezel LCD Module Reassembly—LCD Panel

1. Connect the LCD cable to the panel connector as shown.
2. Press down the adhesive strip to secure the cable in place.



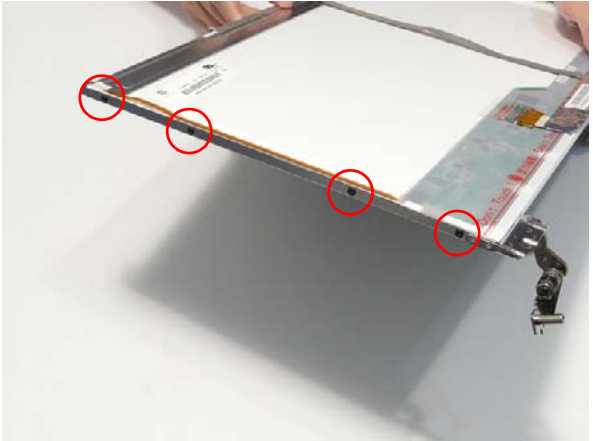
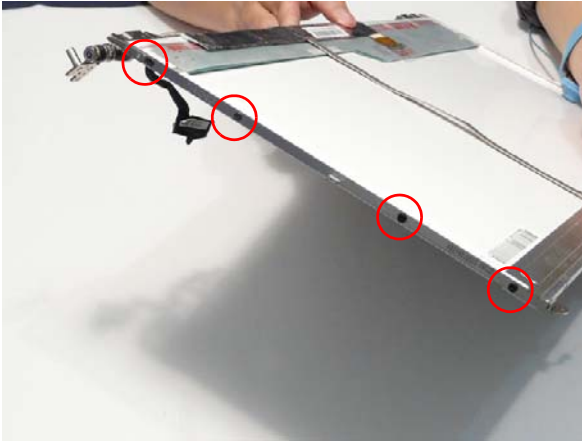
3. Run the cable along the back of the panel and press down as indicated to secure the cable in place.



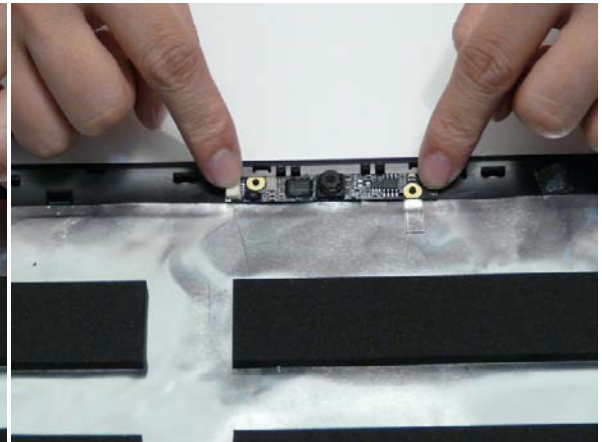
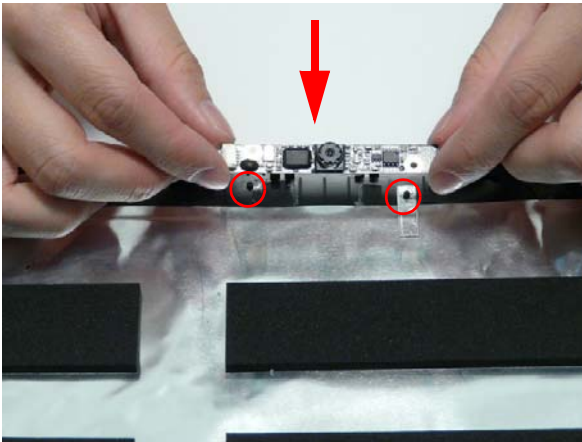
**IMPORTANT:** Ensure that the LCD cable runs between the green callouts to avoid trapping when the panel is replaced in the LCD Module.



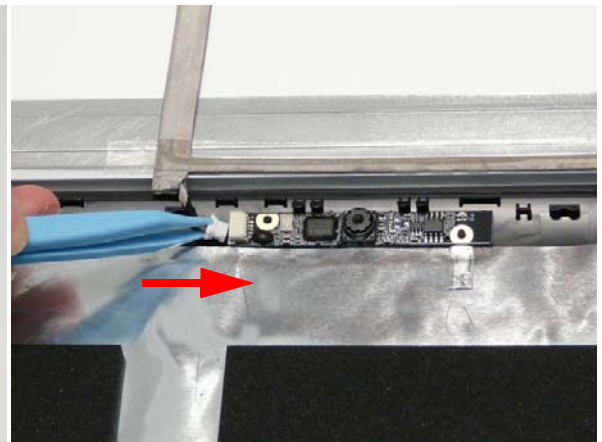
4. Align the LCD brackets with the screw holes on the panel. Replace the eight screws (four on each side) in the brackets as shown.



5. Align the Camera Board with the locating pins on the LCD Module and place the board as shown.
6. Press down as shown to secure the board in place with adhesive.



7. Place the LCD Panel adjacent to the LCD Module as shown and connect the Camera cable to the Camera Module.



- 
8. Flip the LCD Panel over and place it in the LCD Module.  
**IMPORTANT:** Ensure that the LCD cable is not trapped under the panel.



9. Run the LVDS and Antenna cables through the hinge wells as shown.



10. Secure the LCD module with nine securing screws.



---

**NOTE:** The six bracket screws are numbered from 1 to 3 on each bracket. Replace the screws in order from 1 to 3.



---

## Replacing the LCD Bezel

1. Place the LCD Bezel adjacent to the LCD Module as shown and connect the Microphone cable.

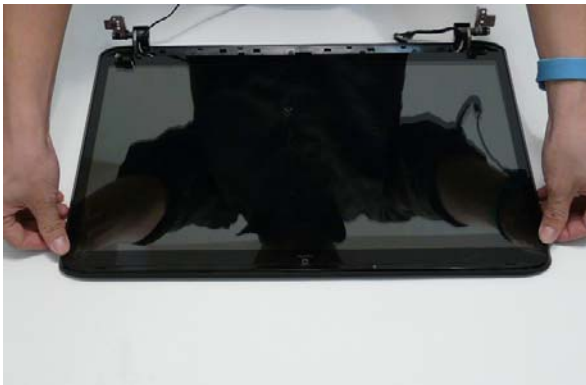


2. Flip the LCD Panel over and place it in the LCD Module.



---

3. Press down around the perimeter of the bezel to secure it in place.



---

## Replacing the Flush LCD Bezel Cap

1. Place the Bezel Cap on to the LCD Module as shown.

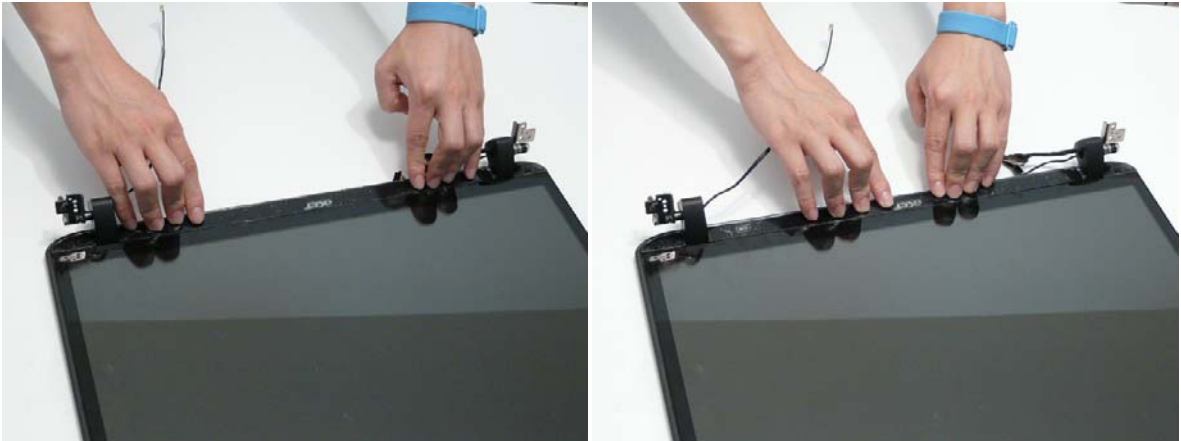


2. Ensure that the LCD cables pass through the hinge wells as shown and pinch the hinge covers together to secure them in place.



---

3. Press the Bezel Cap down as shown to secure it to the LCD Module.



4. Replace the two screws and screw caps.



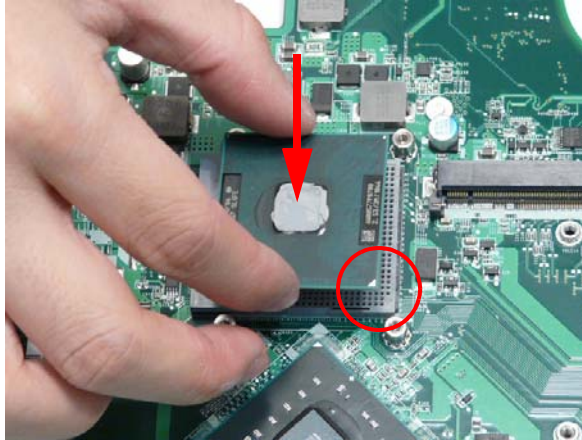
---

# Main Module Reassembly Procedure

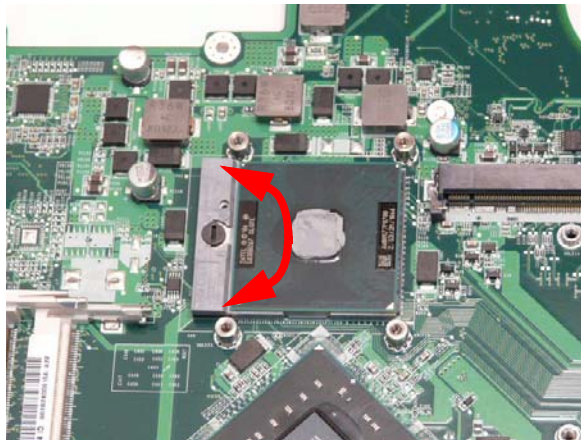
## Replacing the CPU

**IMPORTANT:** The CPU has a Pin1 locator that must be positioned corresponding to the marker on the CPU socket.

1. Carefully turn the mainboard upside down (CPU side up), and place the CPU into the CPU socket as shown, taking note of the Pin1 locator.

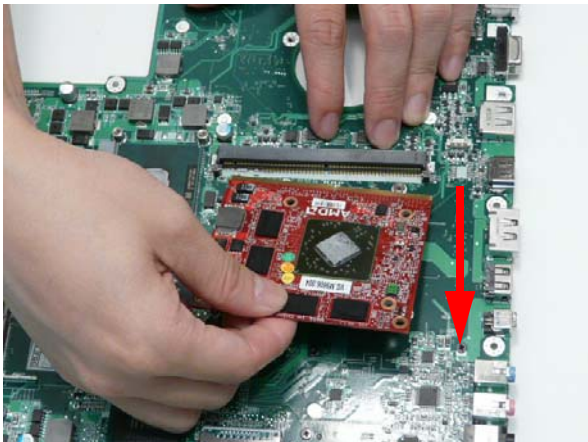


2. Turn the securing screw 180° to secure the CPU in the socket.

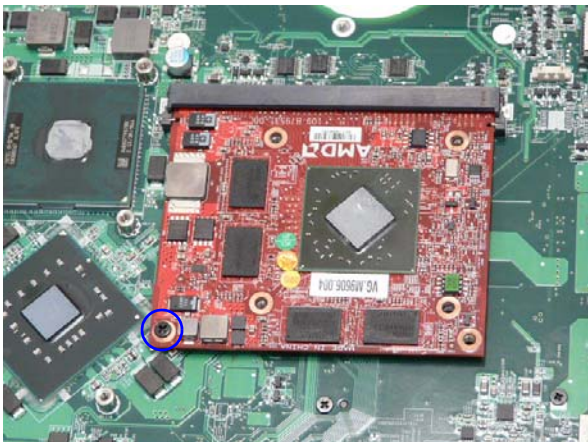


# Replacing the Graphics Card

3. Insert the Graphics Card into the Mainboard connector.



4. Insert the single screw to secure the Graphics Card to the Mainboard.



| Step          | Size     | Quantity | Screw Type                                                                            |
|---------------|----------|----------|---------------------------------------------------------------------------------------|
| Graphics Card | M2.5*6.5 | 1        |  |

# Replacing the Graphics Card Heatsink

**IMPORTANT:** Apply a suitable thermal grease and ensure all heat pads are in place before replacing the Thermal Module.

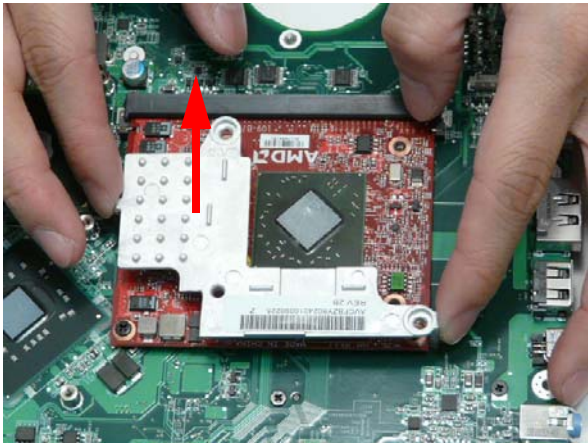
The following thermal grease types are approved for use:

- Silmore GP50
- Honeywell PCM45F-SP
- ShinEtsu 7762

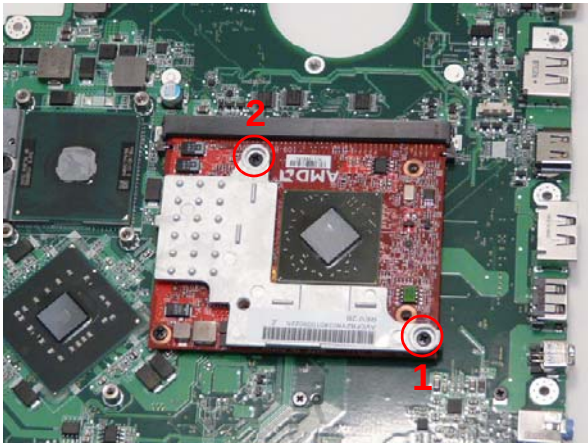
The following thermal pads are approved for use:

- Eapus XR-PE

1. Remove all traces of thermal grease from the CPU using a lint-free cloth or cotton swab and Isopropyl Alcohol, Acetone, or other approved cleaning agent.
2. Apply a small amount of thermal grease to the centre of the CPU—there is no need to spread the grease manually, the force used during the installation of the Thermal Module is sufficient.
3. Place the heatsink onto from the Graphics Card as shown.



4. Replace the two screws (in numerical order from 1 to 2) to secure the Graphics Card Heatsink to the Mainboard.



| Step                   | Size     | Quantity | Screw Type                                                                            |
|------------------------|----------|----------|---------------------------------------------------------------------------------------|
| Graphics Card Heatsink | M2.5*6.5 | 2        |  |

---

## Replacing the Thermal Module

**IMPORTANT:** Apply a suitable thermal grease and ensure all heat pads are in place before replacing the Thermal Module.

The following thermal grease types are approved for use:

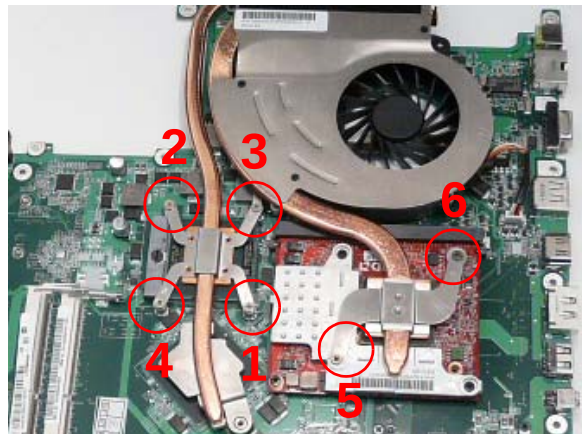
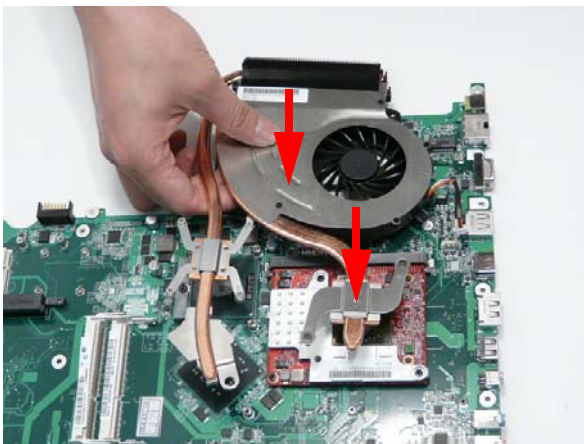
- Silmore GP50
- Honeywell PCM45F-SP
- ShinEtsu 7762

The following thermal pads are approved for use:

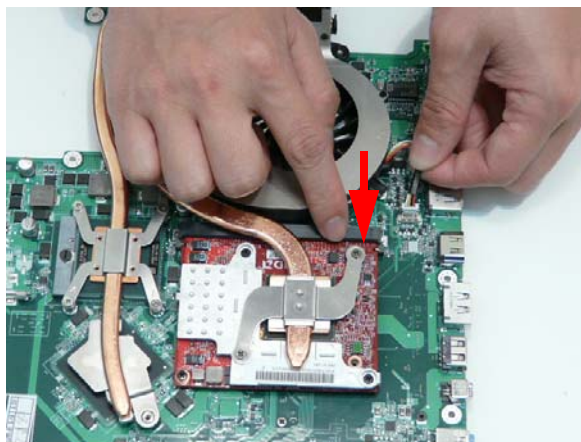
- Eapus XR-PE

1. Remove all traces of thermal grease from the CPU using a lint-free cloth or cotton swab and Isopropyl Alcohol, Acetone, or other approved cleaning agent.
2. Apply a small amount of thermal grease to the centre of the CPU—there is no need to spread the grease manually, the force used during the installation of the Thermal Module is sufficient.
3. Align the screw holes on the Thermal Module and Mainboard then replace the module. Keep the module as level as possible to spread the thermal grease evenly.

Replace the single Fan screw and the four Thermal Module screws (in numerical order from screw 1 to screw 6) to secure the Thermal Module in place.

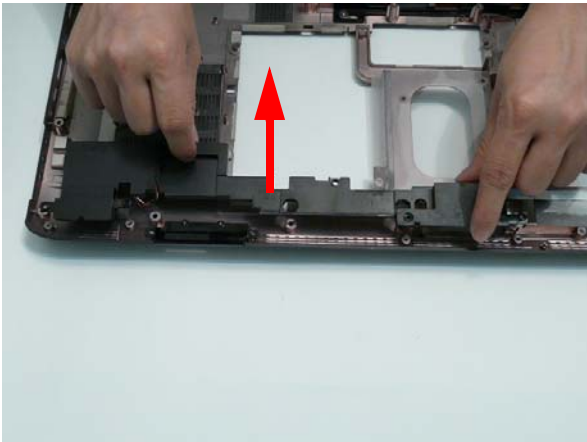


4. Connect the fan cable to the Mainboard.



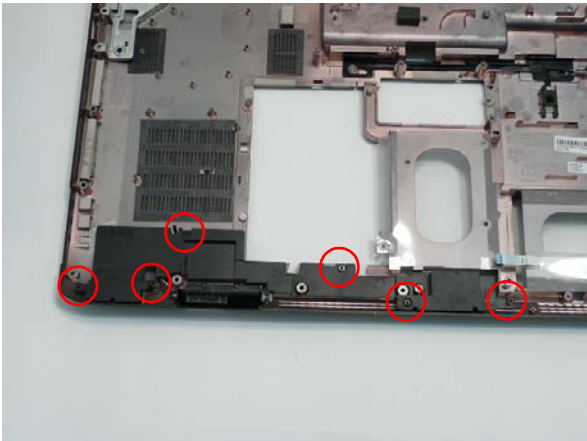
# Replacing the Speaker Module

- 1. Using both hands, insert the Speaker Module into the Lower Cover as shown.



- 2. Replace the six screws to secure the Speaker Module in place.

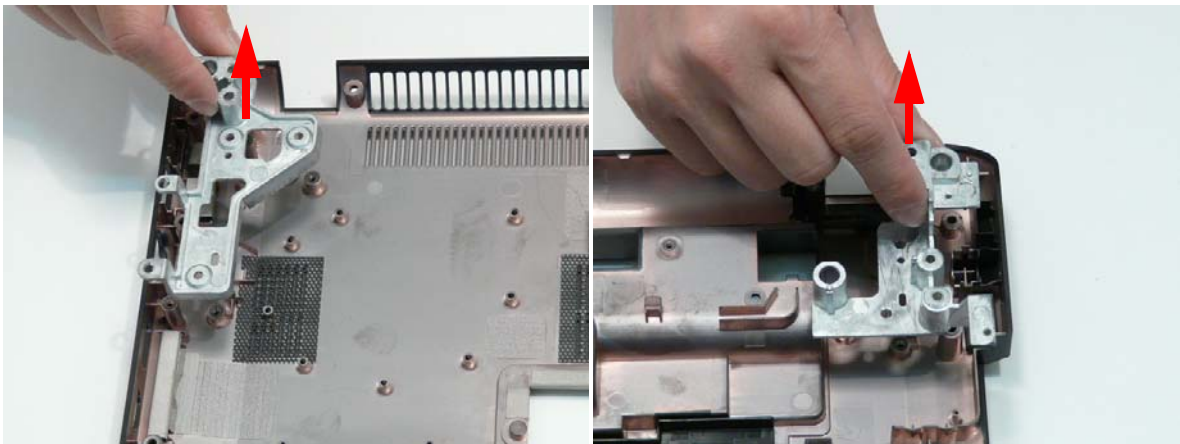
**NOTE:** The screws securing the Speaker Module in place are cushioned by rubber washers. Ensure that the washers are replaced before replacing the screws.



| Step           | Size | Quantity | Screw Type                                                                            |
|----------------|------|----------|---------------------------------------------------------------------------------------|
| Speaker Module |      | 6        |  |

# Replacing the Hinge Supports

1. Insert the left and right Hinge Supports into the Lower Cover as shown.



2. Insert the six screws (three each side) to secure the Hinge Supports to the Lower Cover.

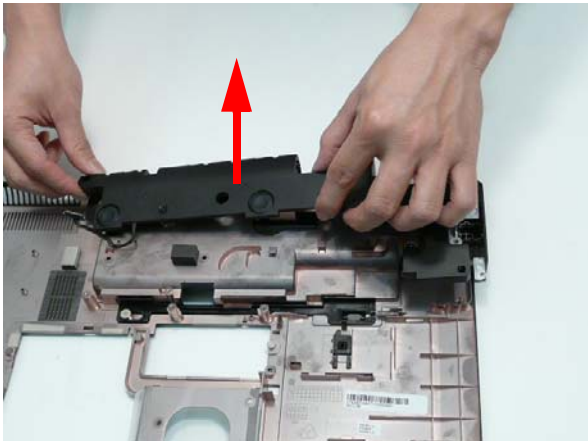


| Step           | Size   | Quantity | Screw Type                                                                            |
|----------------|--------|----------|---------------------------------------------------------------------------------------|
| Hinge Supports | M2.5*4 | 6        |  |

# Replacing the Subwoofer

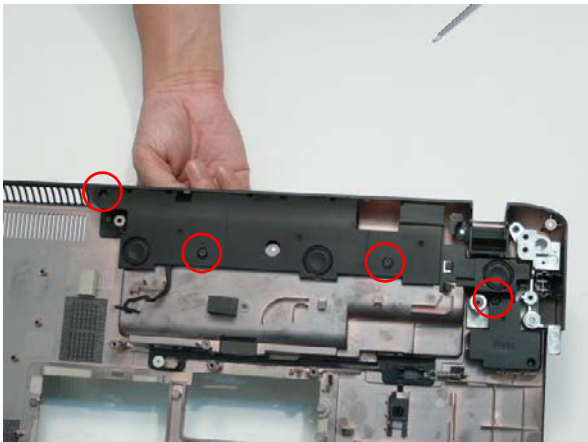
**IMPORTANT:** Avoid contact with the speakers when inserting or removing the subwoofers. Contact with the subwoofers may result in damage.

- 1. Using both hands, insert the Subwoofer into the Lower Cover as shown.



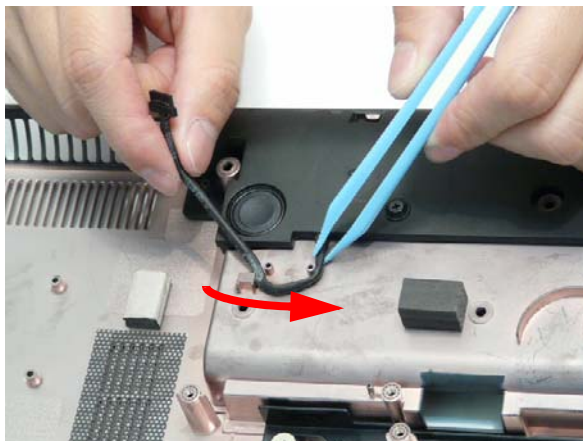
- 2. Insert the four screws to secure the Subwoofer to the Lower Cover.

**NOTE:** The screws securing the Subwoofer in place are cushioned by rubber washers. Ensure that the washers are replaced before replacing the screws.



| Step      | Size | Quantity | Screw Type                                                                            |
|-----------|------|----------|---------------------------------------------------------------------------------------|
| Subwoofer |      | 4        |  |

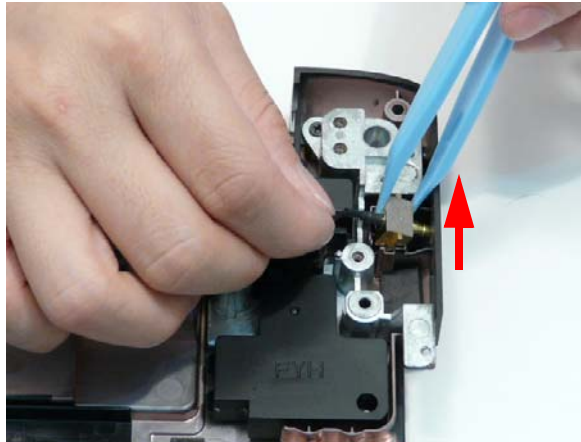
- 
3. Insert the Subwoofer cable into the cable channel. Ensure that the cable passes under all cable clips.



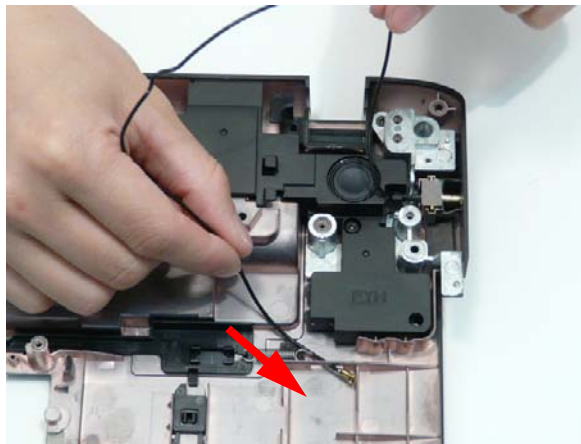
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## Removing the TV Tuner Antenna

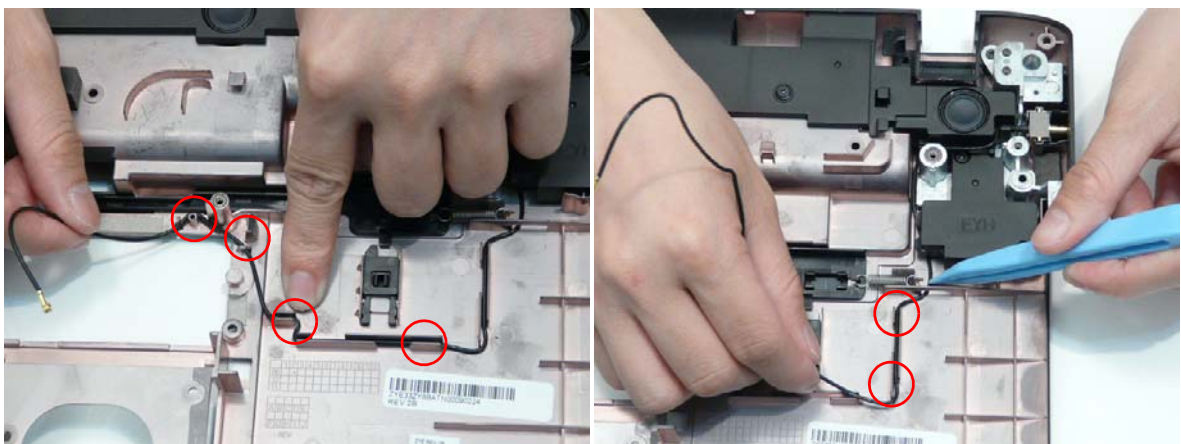
1. Insert the TV Tuner Antenna into the Lower Cover, making sure the cable passes through the slot in the wall of the well.



2. Push the Antenna cable through the casing as shown.

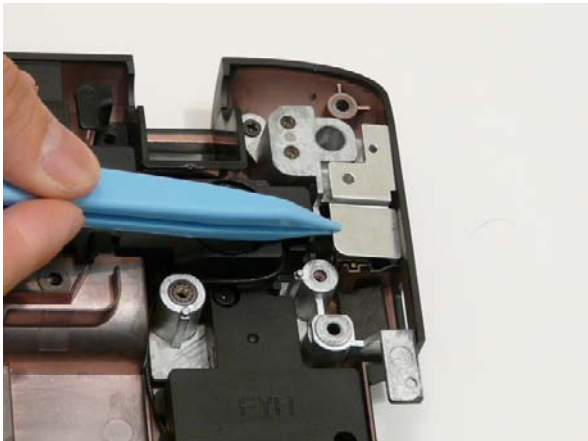


3. Remove the Antenna cable from the cable channel as shown. Ensure that the cable is free from all cable clips.



# Removing the Kensington Lock Bracket

1. Insert the bracket into the Lower Cover.
- NOTE:** The TV Tuner Antenna located under the bracket may lift away with the bracket.



2. Insert the single screw to secure the Kensington Lock Bracket into the Lower Cover.



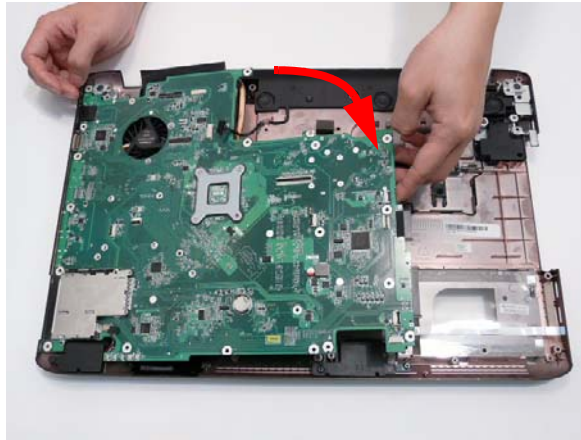
| Step                    | Size | Quantity | Screw Type                                                                            |
|-------------------------|------|----------|---------------------------------------------------------------------------------------|
| Kensington Lock Bracket | M2*3 | 1        |  |

# Replacing the Mainboard

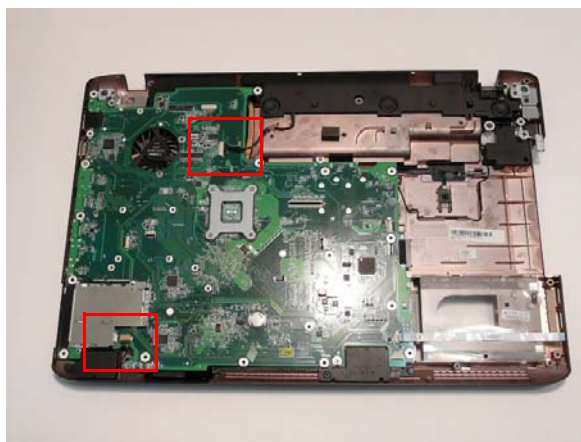
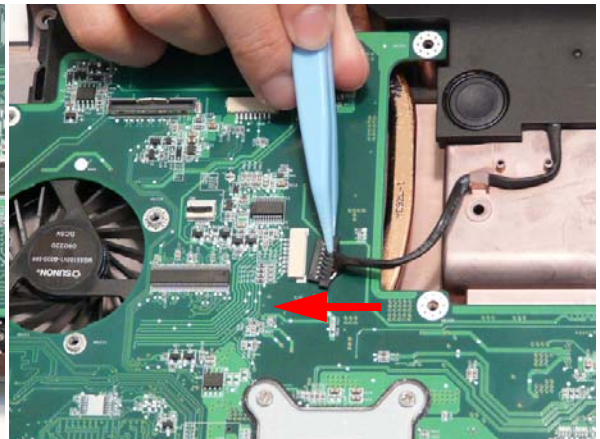
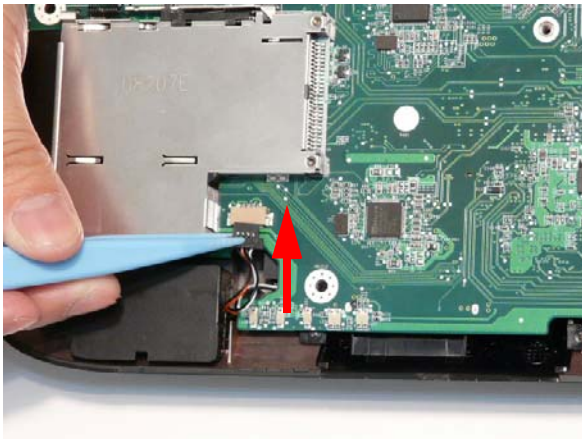
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## Removing the Mainboard

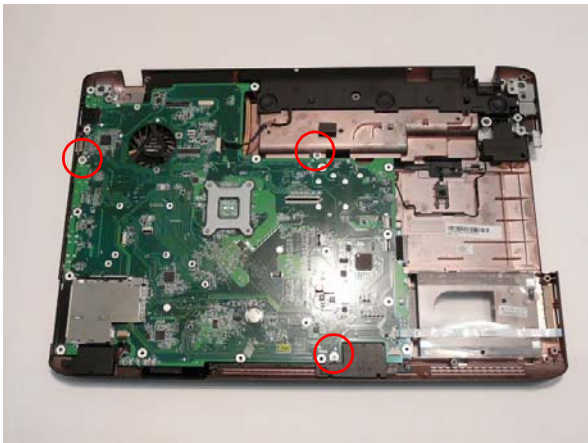
1. Pivot the Mainboard upward and remove it from the chassis, right side first. Place the Mainboard on a clean, dust-free surface.



2. Connect the Speaker and Subwoofer cables to the Mainboard.



3. Insert the three screws to secure the Mainboard to the Lower Cover.



| Step      | Size   | Quantity | Screw Type                                                                          |
|-----------|--------|----------|-------------------------------------------------------------------------------------|
| Mainboard | M2.5*4 | 3        |  |

## Replacing the Power Saving Board

1. Insert the board into the chassis as shown.



2. Insert the single securing screw into the board.



| Step               | Size   | Quantity | Screw Type                                                                          |
|--------------------|--------|----------|-------------------------------------------------------------------------------------|
| Power Saving Board | M2.5*4 | 1        |  |

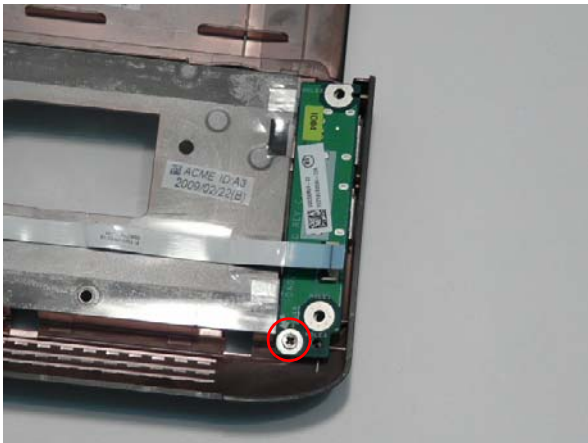
## Replacing the USB Board

**IMPORTANT:** The USB FFC is supplied as part of the Lower Cover. If the USB FFC is defective, replace the entire Lower Cover.

1. Insert the USB Board into the Lower Cover as shown.

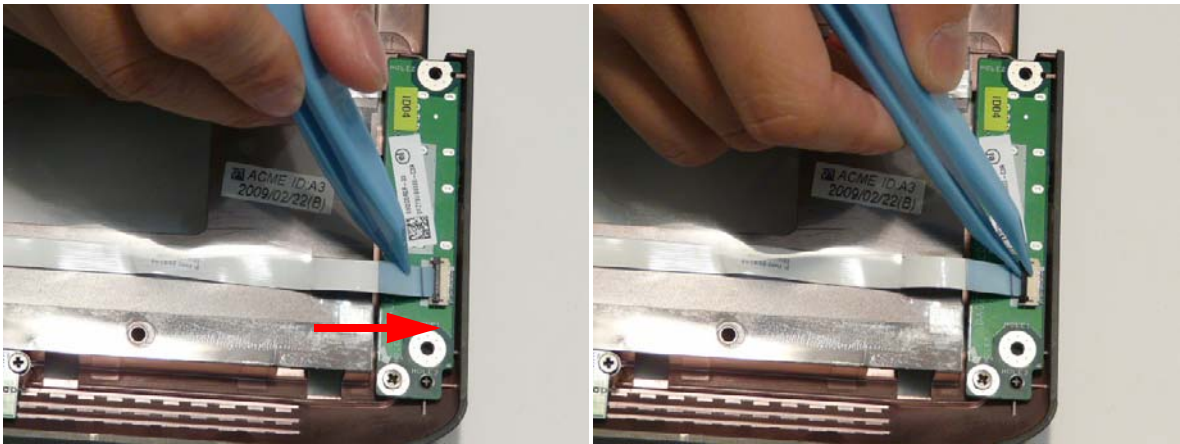


2. Replace the indicated screw to secure the USB Board to the Lower Cover.



| Step      | Size   | Quantity | Screw Type                                                                          |
|-----------|--------|----------|-------------------------------------------------------------------------------------|
| USB Board | M2.5*4 | 1        |  |

3. Connect the FFC to the USB Board and close the locking latch on the USB Board.

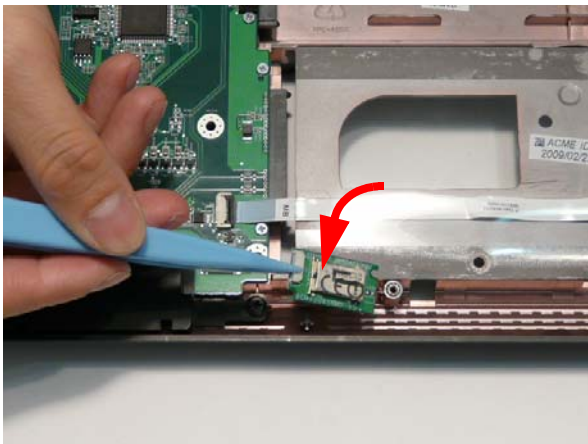


4. Connect the FFC to the Mainboard and close the locking latch.

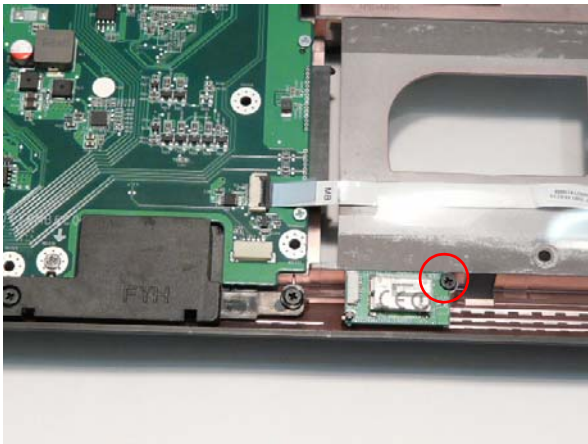


# Replacing the Bluetooth Board

1. Insert the Bluetooth Board into the Lower Cover as shown.

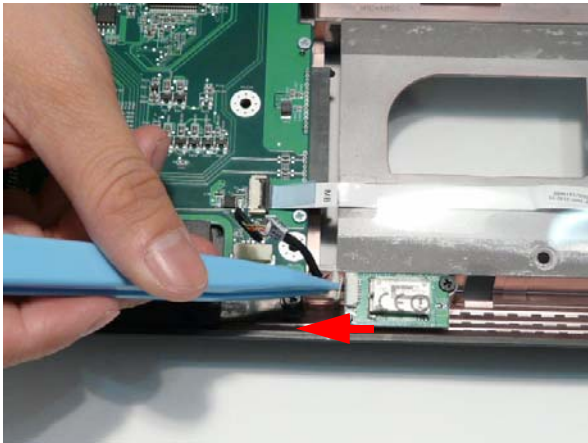


2. Insert the single screw to secure the Bluetooth Board to the Lower Cover.

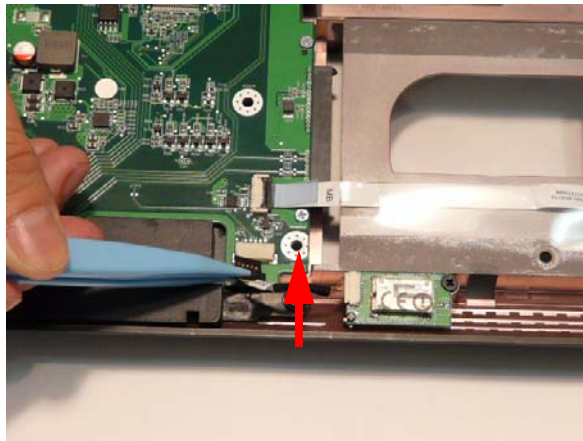


| Step            | Size | Quantity | Screw Type                                                                            |
|-----------------|------|----------|---------------------------------------------------------------------------------------|
| Bluetooth Board | M2*3 | 1        |  |

3. Connect the Bluetooth cable to the Bluetooth Board.



- 
4. Connect the Bluetooth cable to the Mainboard.

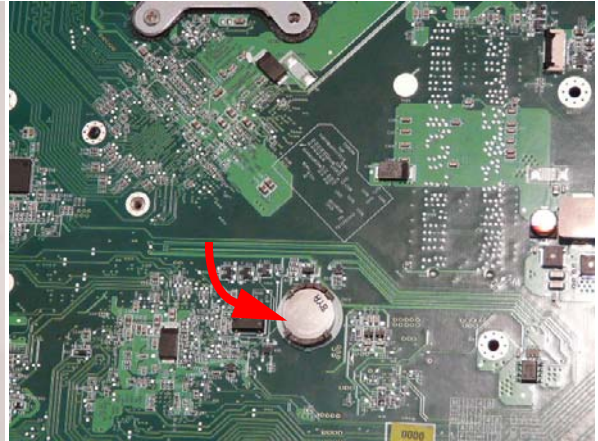


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## Replacing the RTC Battery

**IMPORTANT:** Follow local regulations for disposal of all batteries.

1. To replace the battery, pry the existing battery out of the Mainboard and press a replacement down firmly in to the socket.



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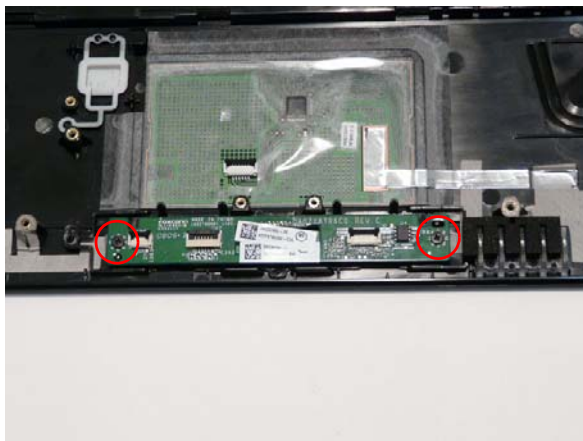
## Replacing the TouchPad Board

**IMPORTANT:** The TouchPad is supplied as part of the Upper Cover. If the TouchPad is defective, replace the entire Upper Cover.

1. Insert the board into the Upper Cover. Take care to align the mounting pins with the holes on the board.

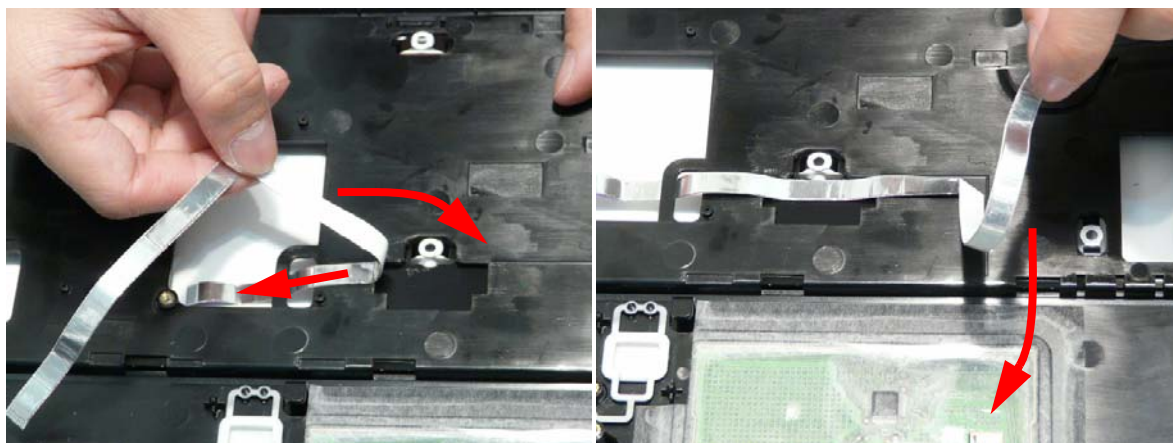


2. Remove the two screws securing the TouchPad Board in place.

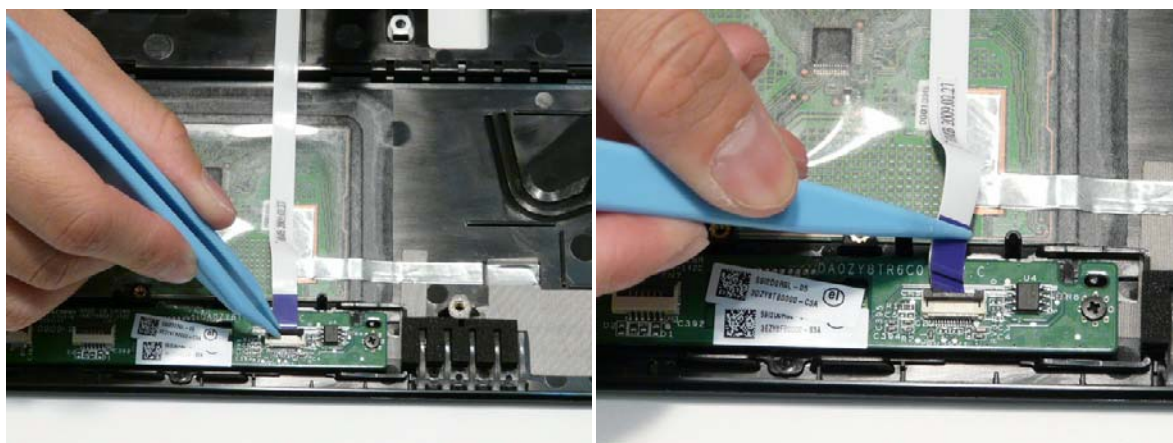


| Step                | Size | Quantity | Screw Type                                                                            |
|---------------------|------|----------|---------------------------------------------------------------------------------------|
| Finger Print Reader | M2*3 | 2        |  |

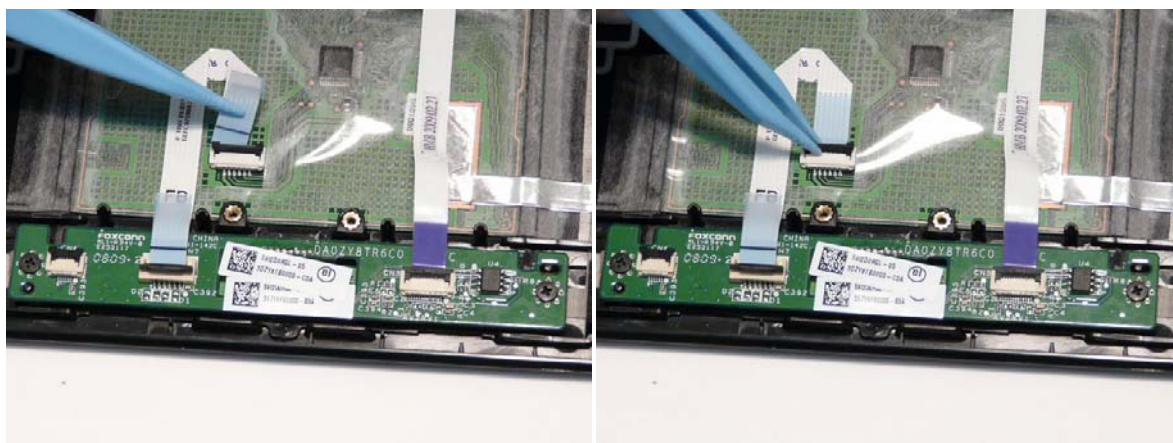
3. Insert the FFC through the slot in the Upper Cover and adhere as shown.



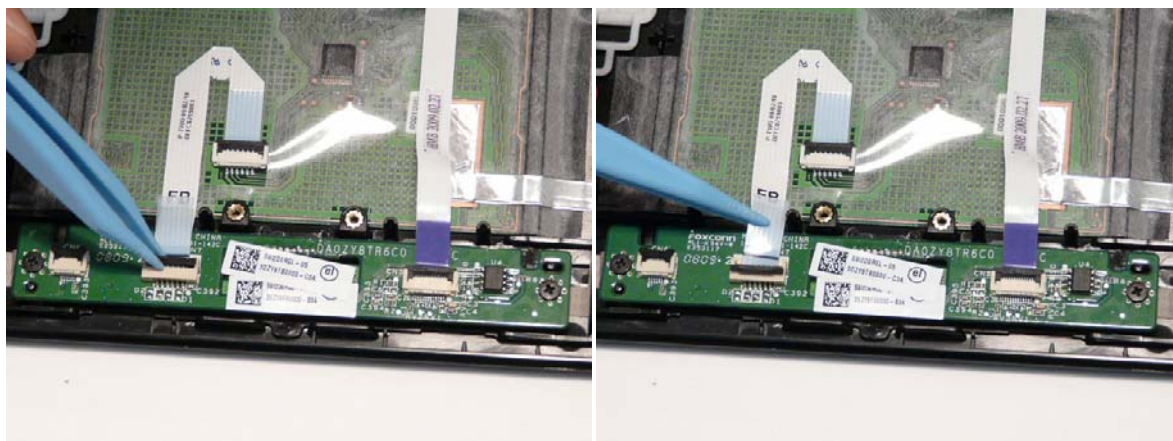
4. Connect the Mainboard FFC to the TouchPad Board and close the locking latch.



5. Connect the TouchPad FFC to the TouchPad Board and close the locking latch.



6. Connect the TouchPad FFC to the TouchPad and close the locking latch.

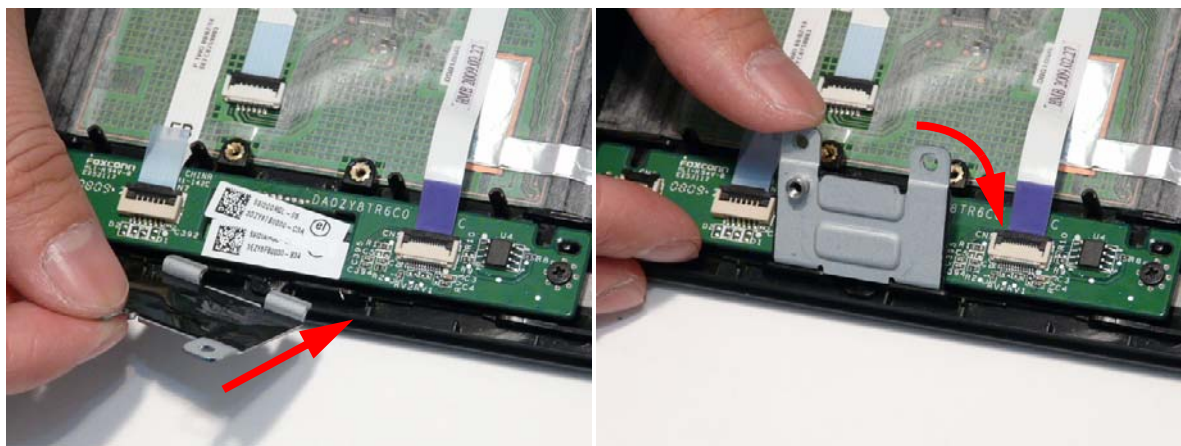


7. Apply the FFC to the Upper Cover as shown.

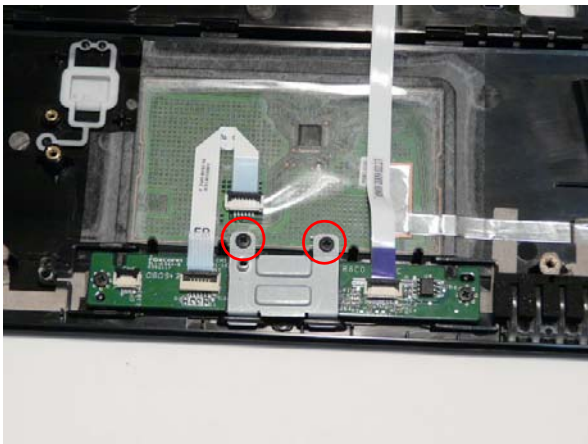


# Replacing the Finger Print Reader Bracket

- 1. Insert the tabs in the bottom of the fingerprint reader bracket into the upper cover and rotate the bracket into place as shown.



- 2. Insert the two screws to secure the bracket to the Upper Cover.



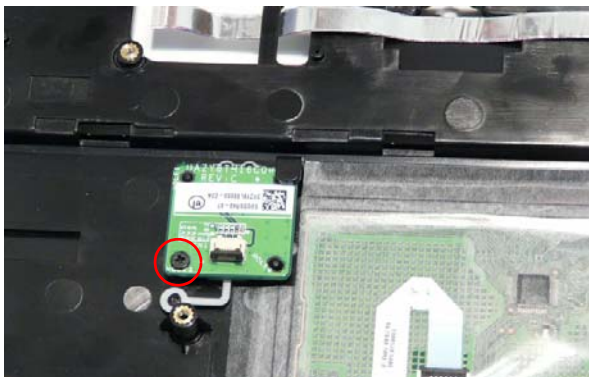
| Step                        | Size | Quantity | Screw Type                                                                            |
|-----------------------------|------|----------|---------------------------------------------------------------------------------------|
| Finger Print Reader Bracket | M2*3 | 2        |  |

# Replacing the TouchPad Lock Board

1. Slide the Touchpad board under the securing tab and place into the Upper Cover.

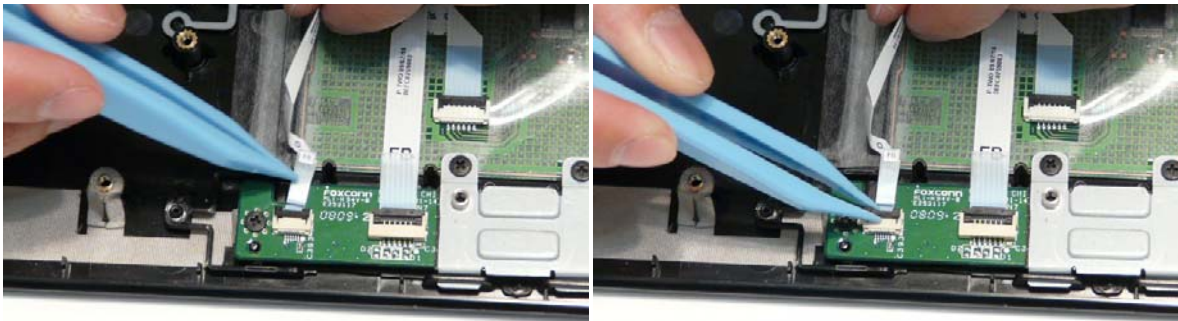


2. Insert the single screw to secure the board to the Upper Cover.

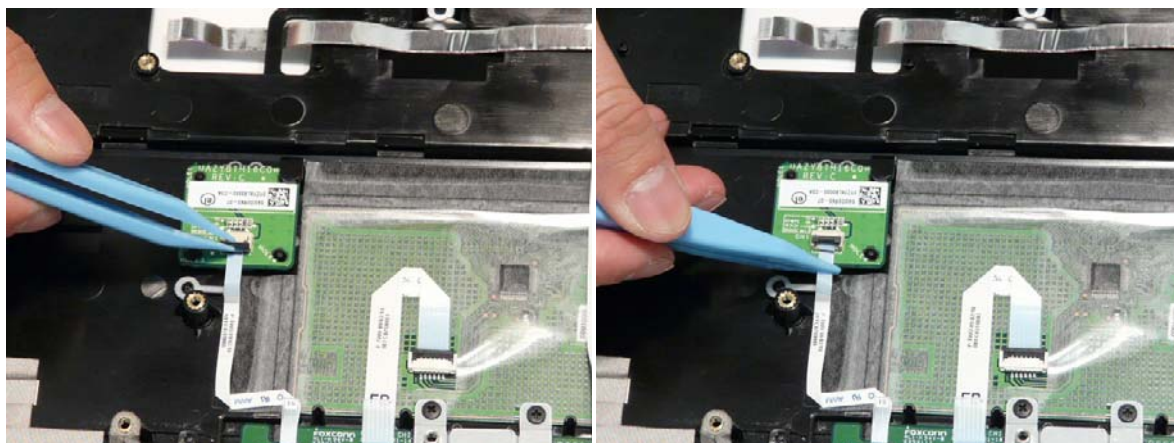


| Step                | Size | Quantity | Screw Type                                                                            |
|---------------------|------|----------|---------------------------------------------------------------------------------------|
| TouchPad Lock Board | M2*3 | 1        |  |

3. Connect the Finger Print Reader FFC to the TouchPad and close the locking latch.



- 
4. Connect the TouchPad Lock Board FFC to the TouchPad Lock Board and close the locking latch.

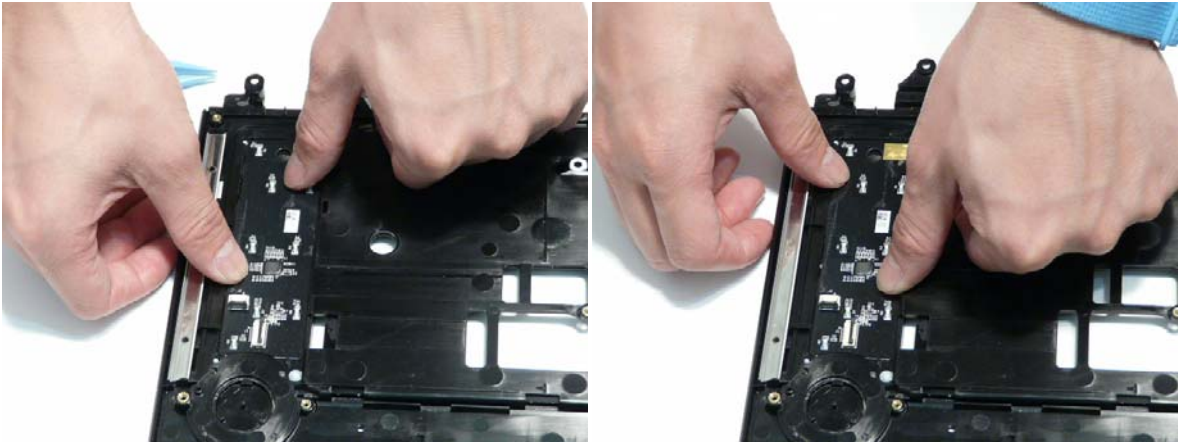


5. Press the FFC onto the adhesive in the Upper Cover to secure it in place.

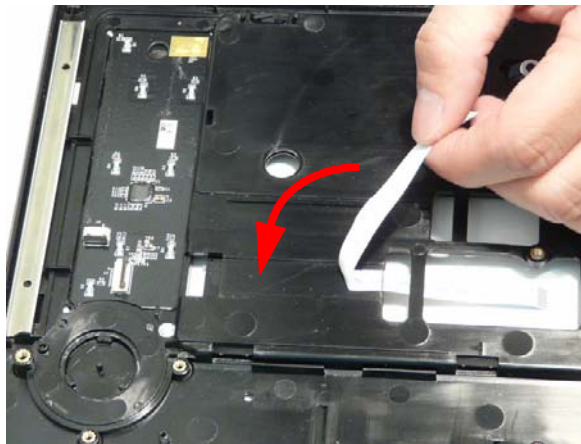
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## Replacing the Media Board

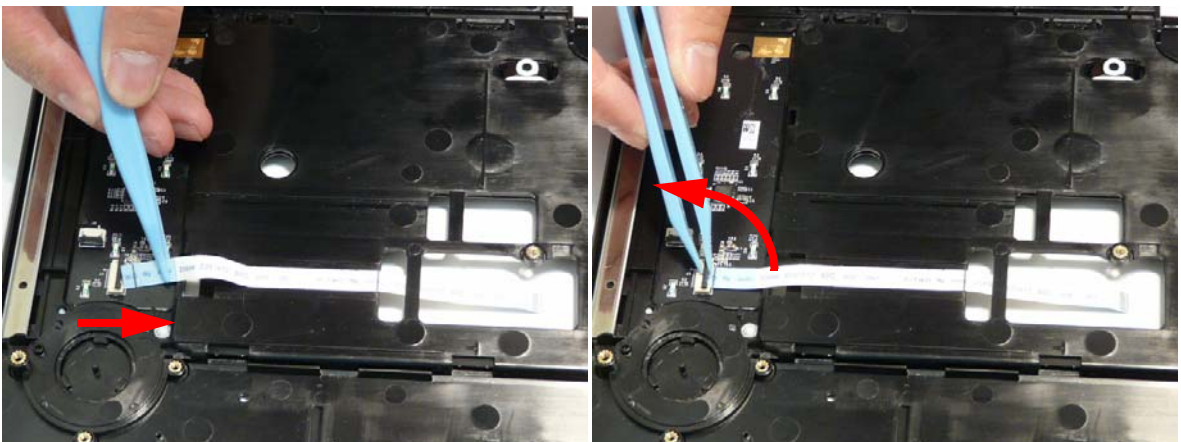
1. Place the media board into the Upper Cover and press into place to secure the Media Board to the Upper Cover.



2. Replace the FFC into the Upper Cover by pressing the FFC onto the adhesive.



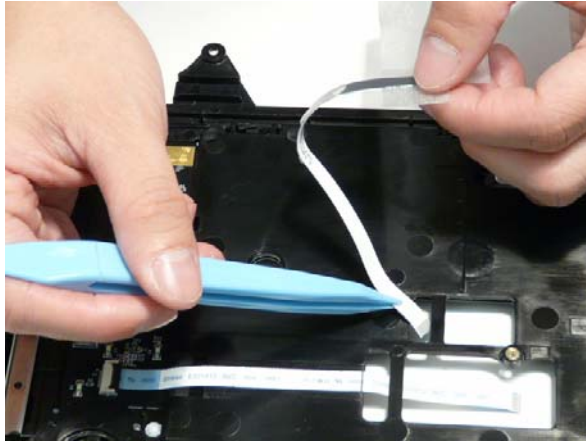
3. Connect the Media Board FFC to the Media Board and close the locking latch on the FFC.



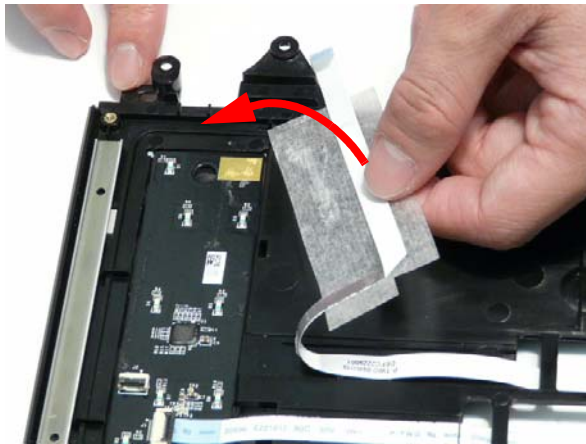
---

## Replacing the Power Saving Board FFC

1. Insert the FFC into the slot in the Upper Cover as shown.



2. Press the FFC and adhesive protector onto the Upper Cover as shown.



# Replacing the Volume Control Board

1. Lift the board clear of the Upper Cover.



2. Replace the two screws to secure the board to the Upper Cover.



| Step                 | Size | Quantity | Screw Type                                                                            |
|----------------------|------|----------|---------------------------------------------------------------------------------------|
| Volume Control Board | M2*3 | 2        |  |

3. Connect the Volume Control FFC to the Volume Control Board and close the locking latch



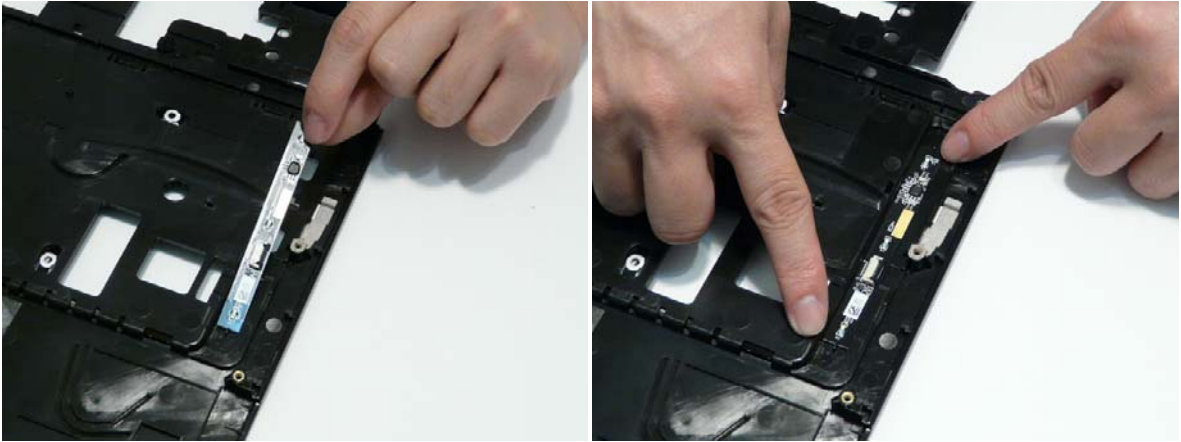
4. Connect the Volume Control FFC to the Media Board and close the locking latch



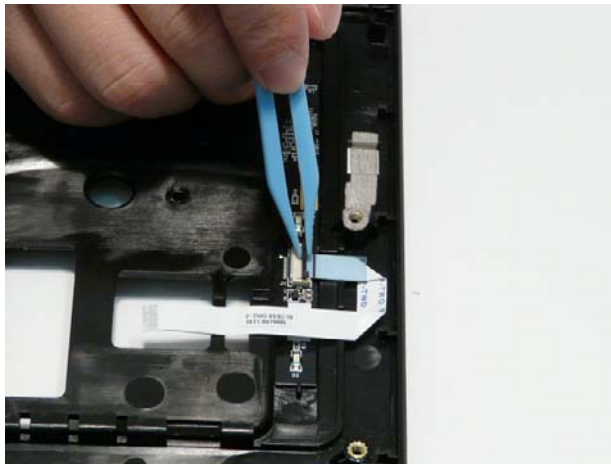
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## Replacing the Launch Board

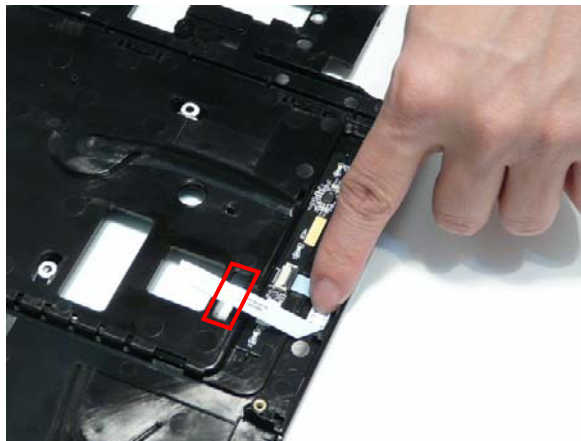
1. Place the Launch Board into the Upper Cover, taking care to align the pins.



2. Connect the Mainboard FFC to the Launch Board and close the locking latch.



3. Press the FFC onto the adhesive on the Upper Cover to secure it in place and pass the FFC through the opening on the Upper Cover as indicated

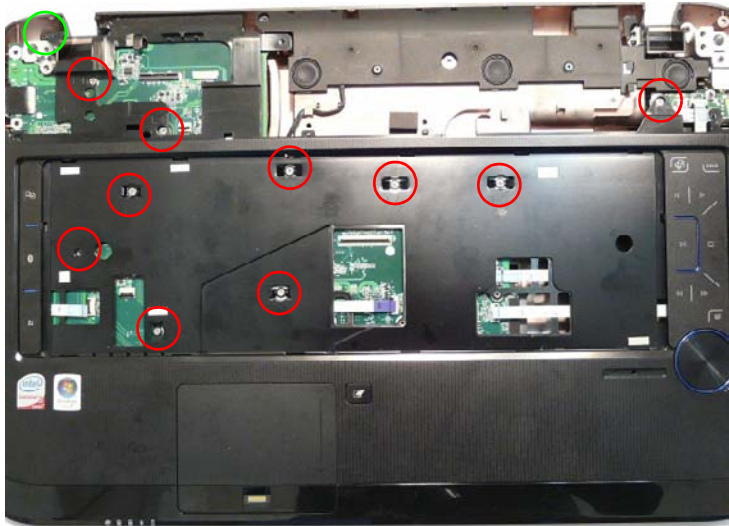


# Replacing the Upper Case

1. Place the upper case on the lower case front edge first.

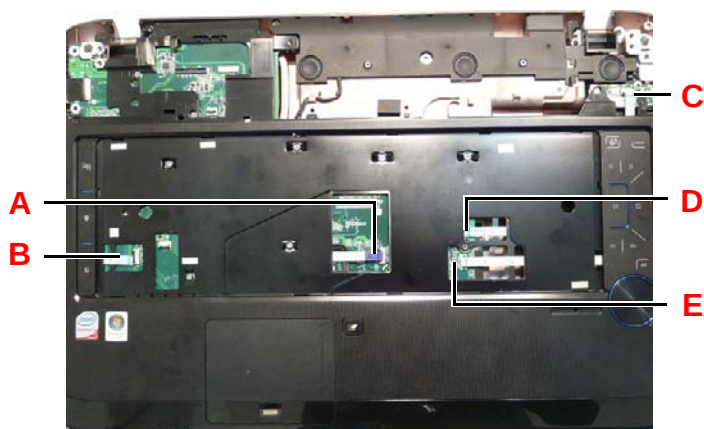


2. Insert the eleven screws to secure the upper cover to the lower cover.

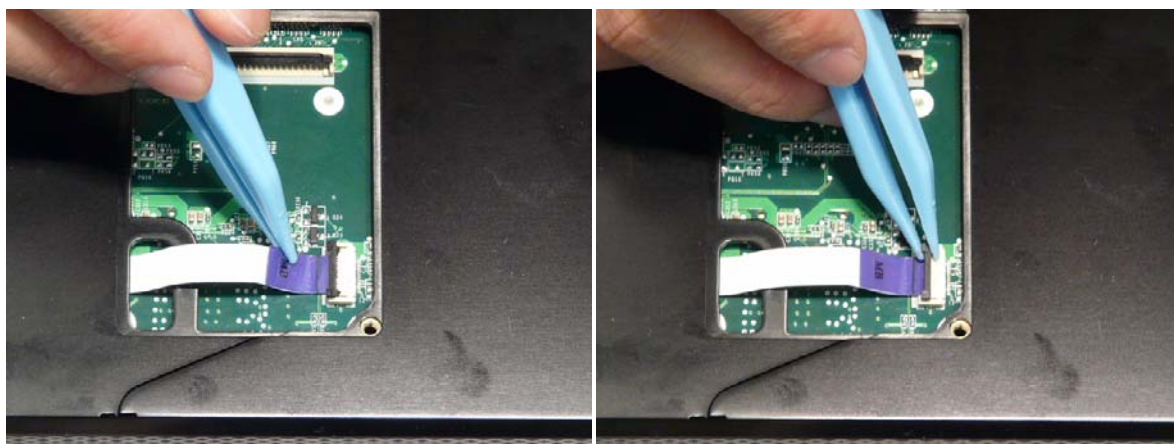


| Step                           | Size   | Quantity | Screw Type                                                                            |
|--------------------------------|--------|----------|---------------------------------------------------------------------------------------|
| Upper Cover<br>(red callout)   | M2.5*4 | 10       |  |
| Upper Cover<br>(green callout) | M2*3   | 1        |  |

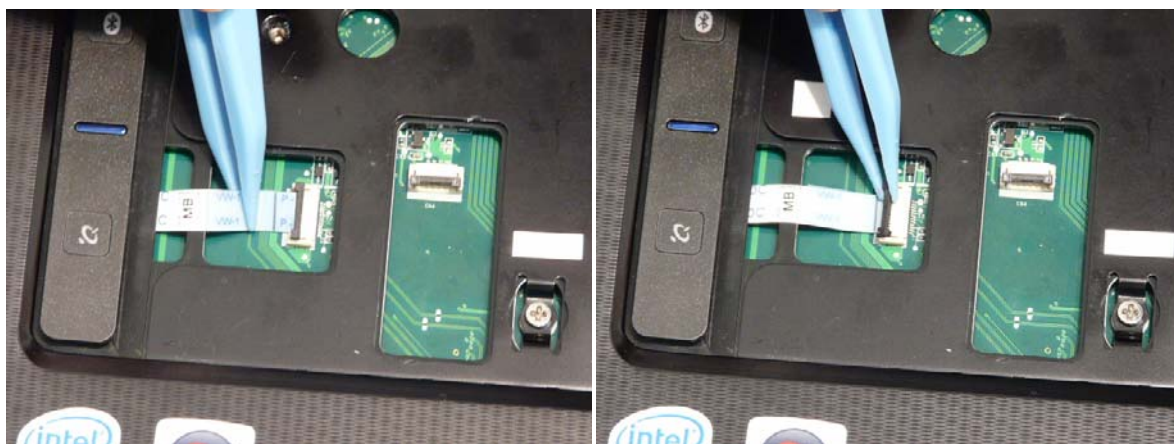
3. Connect the following FFCs (A, B, D, and E) and cables (C, F, and G) to the Mainboard.



1. Connect the FFC to the Mainboard in position A and close the locking latch.



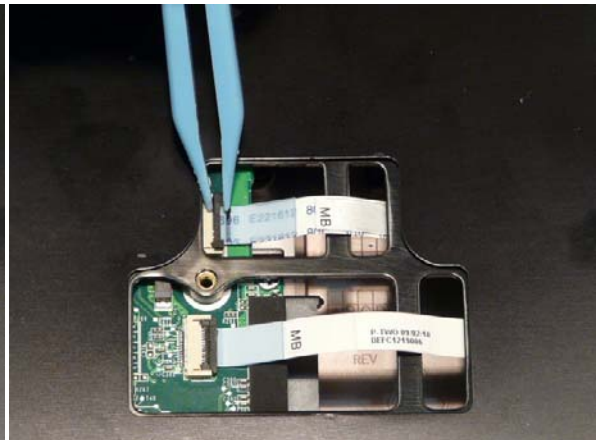
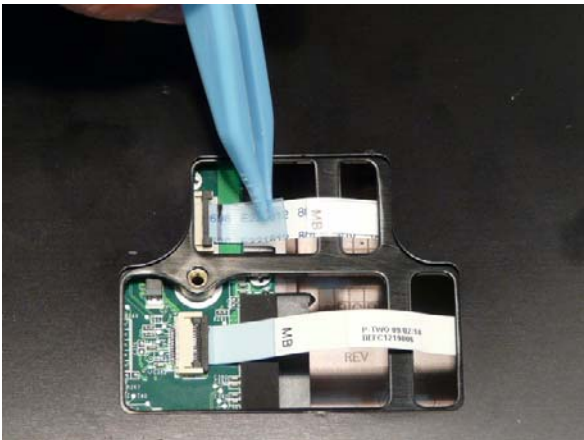
1. Connect the FFC to the Mainboard in position B and close the locking latch.



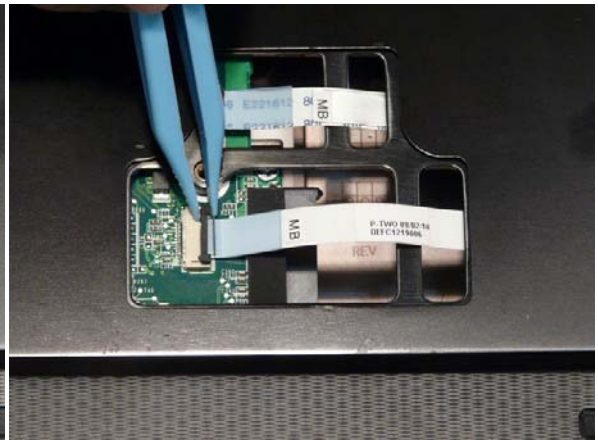
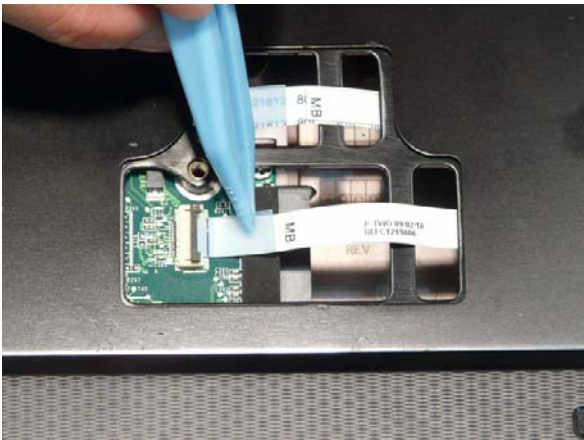
1. Connect the FFC to the Mainboard in position C and close the locking latch.



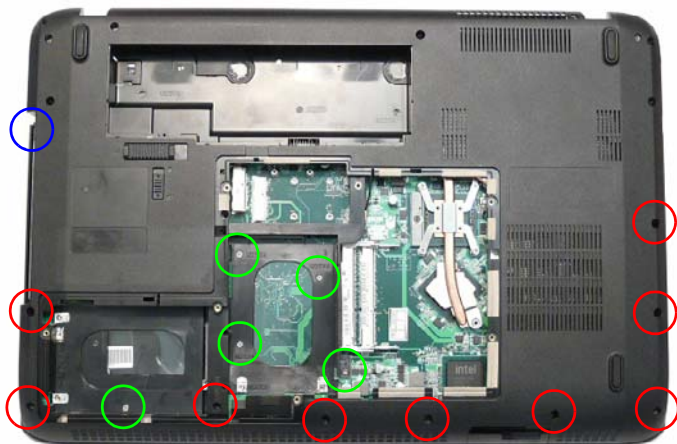
1. Connect the FFC to the Mainboard in position D and close the locking latch.



1. Connect the FFC to the Mainboard in position E and close the locking latch.



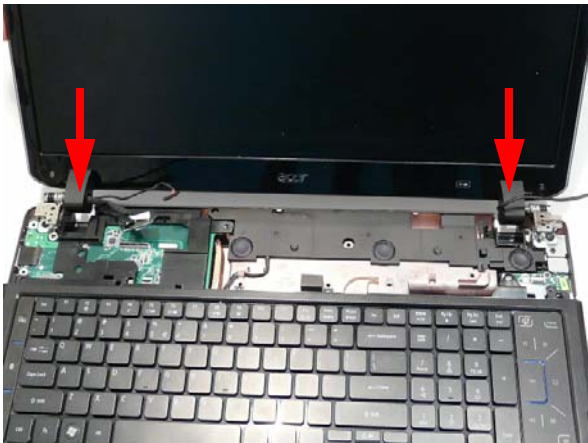
2. Turn the computer over. Replace the fifteen screws on the bottom panel.



| Step                           | Size     | Quantity | Screw Type                                                                            |
|--------------------------------|----------|----------|---------------------------------------------------------------------------------------|
| Upper Cover<br>(red callout)   | M2.5*6.5 | 9        |    |
| Upper Cover<br>(green callout) | M2.5*4   | 5        |    |
| Upper Cover<br>(blue callout)  | M2*3     | 1        |  |

## Replacing the LCD Module

- Using both hands, set the LCD Module into the Lower Cover, taking care to set the mounting pins into the bottom cover.  
**NOTE:** Ensure that the antenna, microphone, and LVDS cables pass through the openings on the hinge wells before securing the LCD module in place.

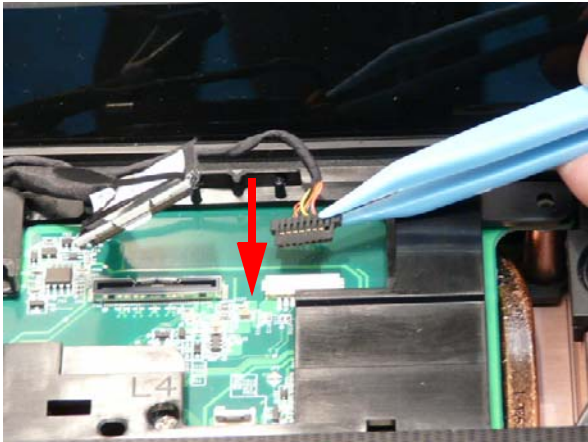


2. Insert the four screws to secure the LCD Module to the Lower Cover.

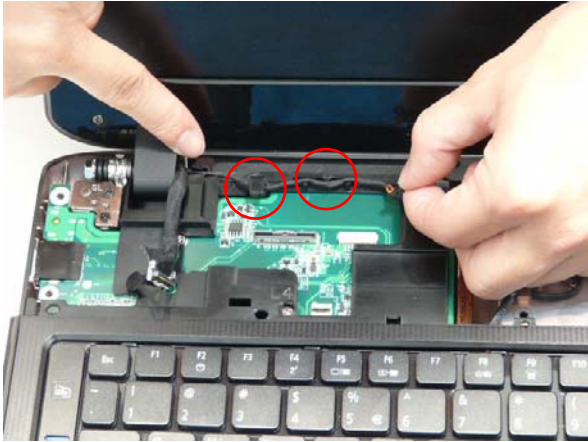


| Step       | Size     | Quantity | Screw Type                                                                          |
|------------|----------|----------|-------------------------------------------------------------------------------------|
| LCD Module | M2.5*6.5 | 4        |  |

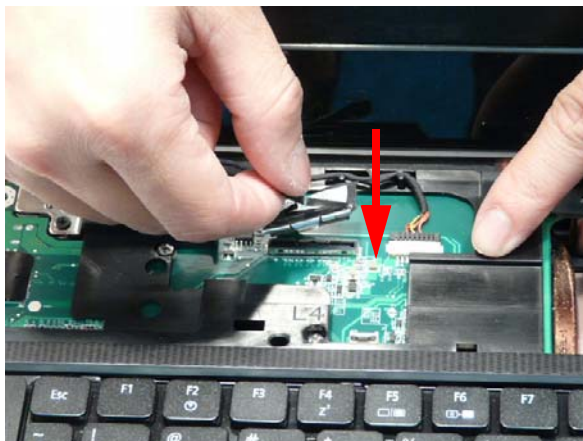
3. Connect the Microphone cable to the Mainboard.



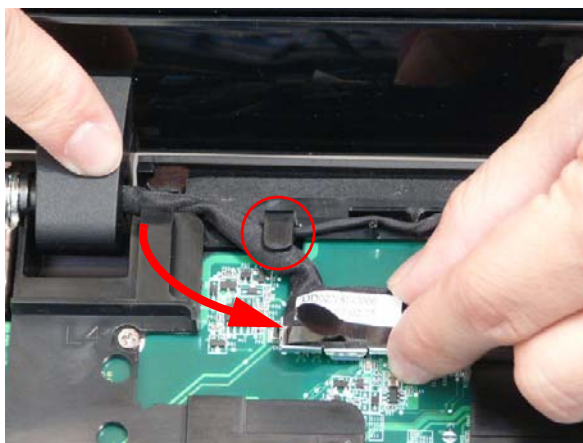
4. Insert the Microphone cable into the cable channel all the way to the Hinge Well.



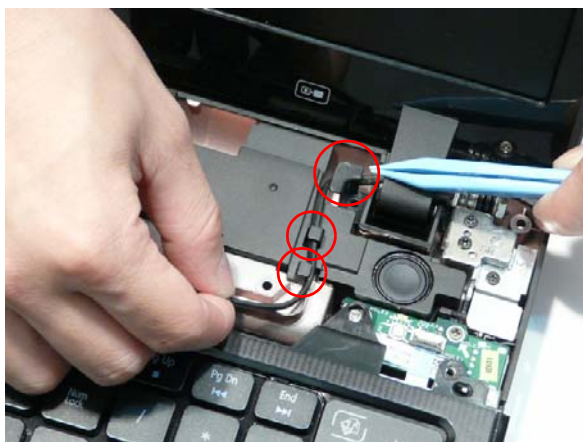
- 
5. Push the LVDS cable onto the connector until it snaps into place.



6. Insert the LVDS cable into the cable channel all the way to the Hinge Well. Ensure that the cable passes under all retaining clips.



7. Insert the Antenna into the cable channel all the way from the Hinge Well. Ensure that the cables pass under all retaining clips.

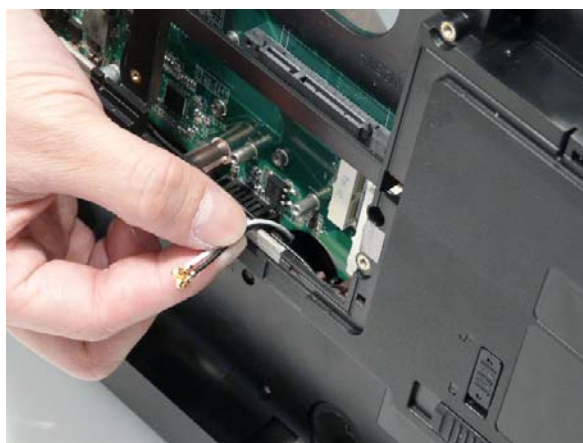


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8. Push the Antenna cables through the Upper Cover as shown.

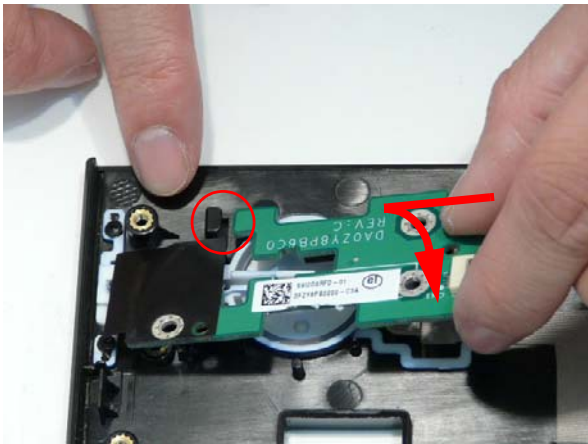


9. Turn the computer over pull the Antenna cables through to take up all slack from the upper cover side.

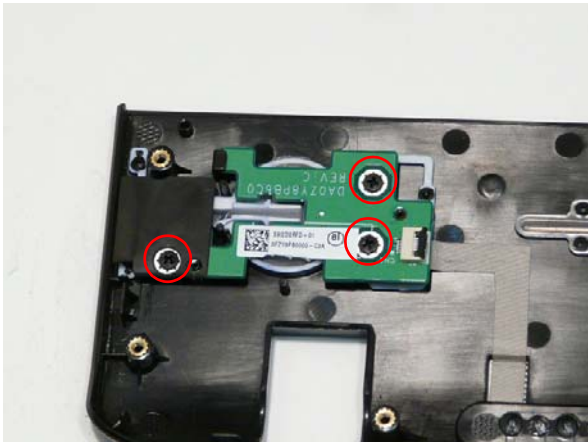


# Replacing the Power Board

- 1. Slide the Power Board under the retaining clip in the Switch Cover and set it in place, taking care to align the screw holes.

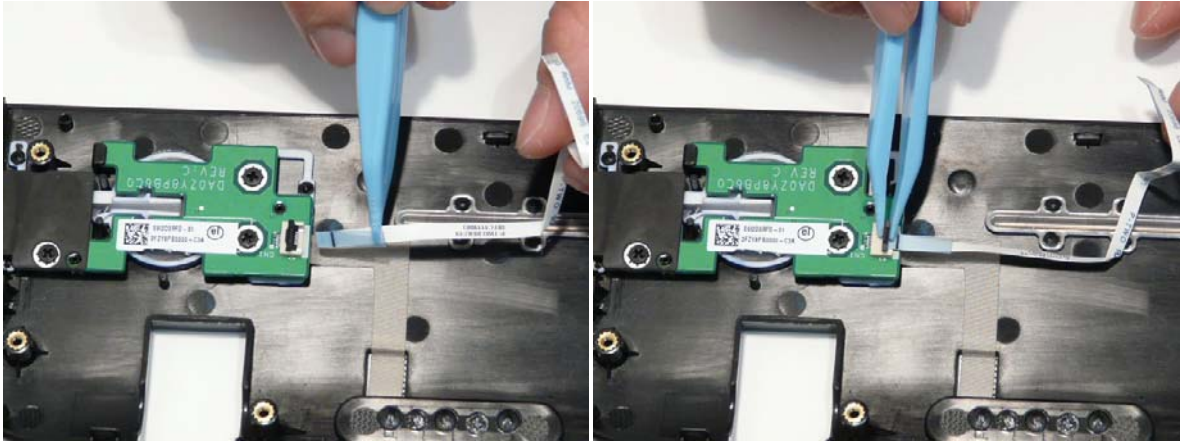


- 2. Insert the three screws to secure the Power Board to the Switch Cover.



| Step        | Size   | Quantity | Screw Type                                                                            |
|-------------|--------|----------|---------------------------------------------------------------------------------------|
| Power Board | M2.5*4 | 3        |  |

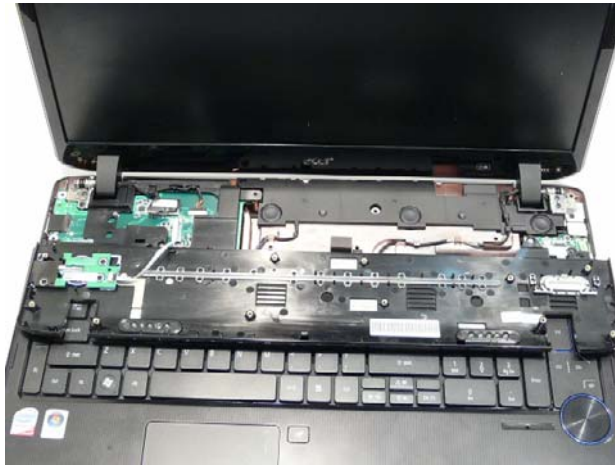
- 1. Connect the FFC from the Power Board and close the locking latch.



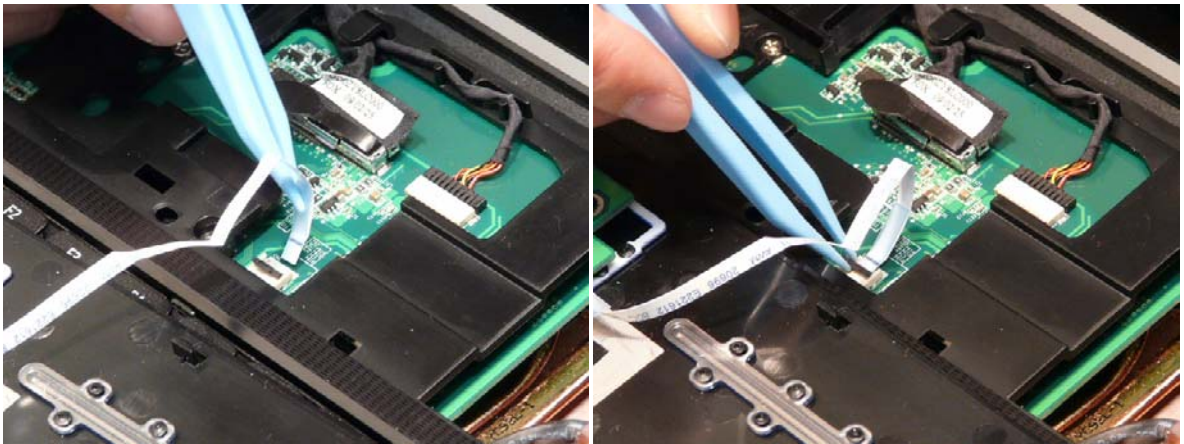
---

## Removing the Switch Cover

1. Place the switch board face-down on top of the upper cover.



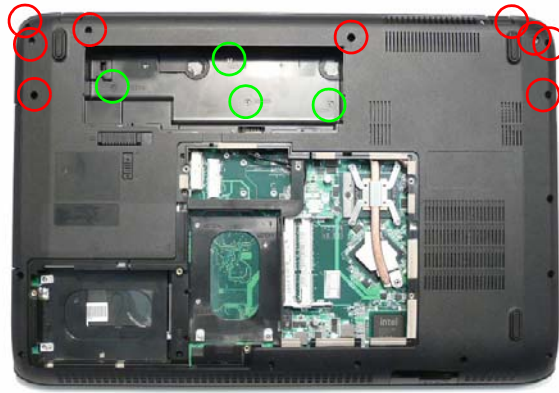
2. Connect the FFC to the Mainboard and close the locking latch.



3. Flip the Switch Cover into place and press down on the top edge until it snaps into place as shown.



4. Turn the computer over. Replace the thirteen screws to secure the Switch Cover to the Upper Cover.

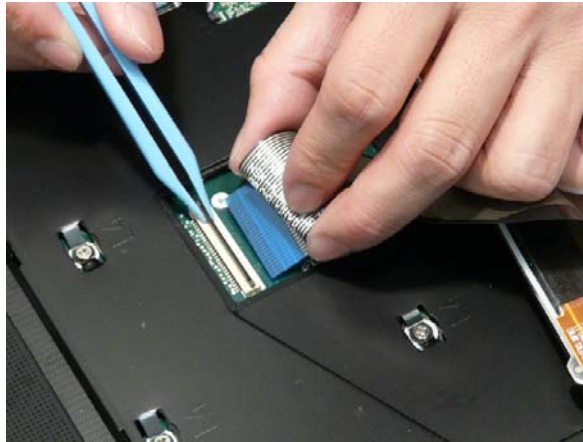


| Step                            | Size     | Quantity | Screw Type                                                                          |
|---------------------------------|----------|----------|-------------------------------------------------------------------------------------|
| Switch Cover<br>(red callout)   | M2.5*6.5 | 9        |  |
| Switch Cover<br>(green callout) | M2.5*4   | 4        |  |

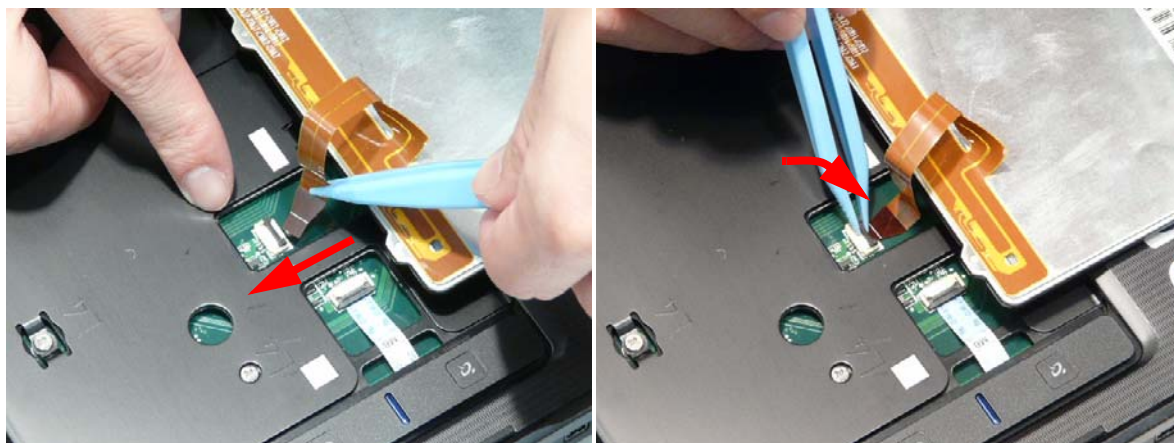
---

## Replacing the Keyboard

1. Place the keyboard face down on the upper cover.
2. Connect the Keyboard cable by inserting the cable into the Mainboard and closing the locking latch.



- 
3. Connect the Backlight cable inserting the cable into the Mainboard and closing the FFC latch.



4. Flip the keyboard over and slide the bottom tabs into the holes in the upper cover.

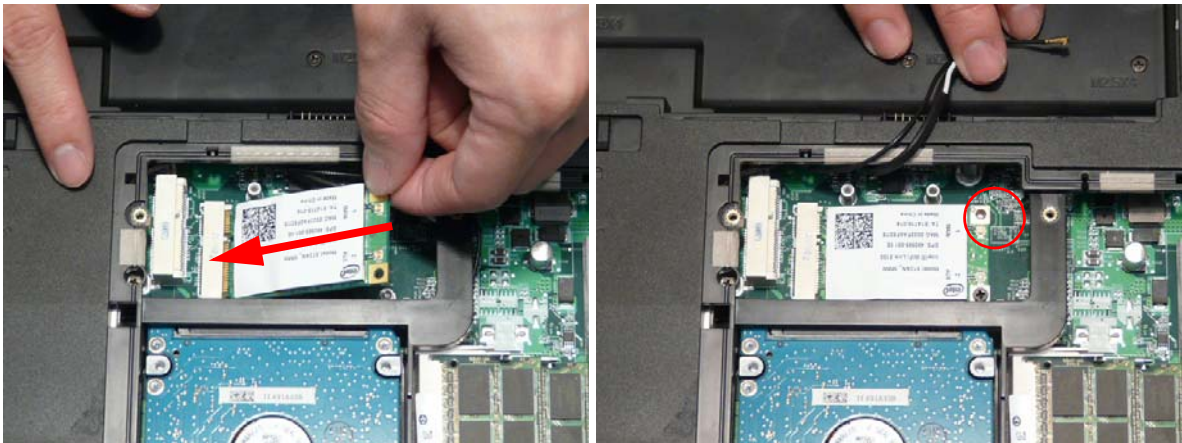


5. Press the Keyboard into the Upper Cover until all the securing clips snap into place.

# External Module Reassembly Instructions

## Replacing the WLAN Module

1. Insert the WLAN board into the WLAN socket.
2. Replace the single screw to secure the module.



3. Connect the two antenna cables to the module.
- NOTE:** The black antenna cable connects to the upper terminal and the white antenna cable to the lower terminal.



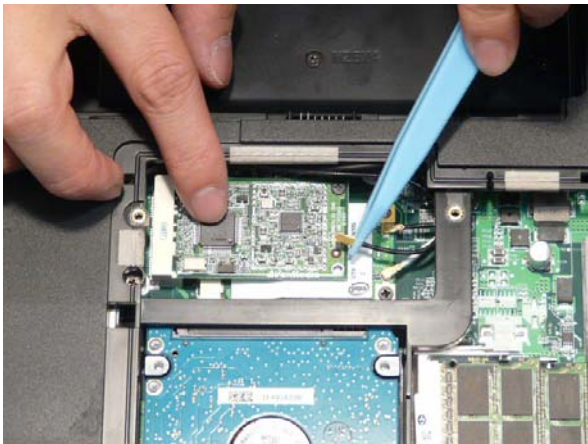
| Step        | Size | Quantity | Screw Type                                                                            |
|-------------|------|----------|---------------------------------------------------------------------------------------|
| WLAN Module | M2*3 | 2        |  |

# Replacing the TV Tuner Module

1. Insert the TV Tuner as shown.



2. Connect the Antenna cable to the TV Tuner as shown.



**NOTE:** When reattaching the Antenna, ensure the cable is tucked into the chassis to prevent damage.

3. Insert the single screw to secure the TV Tuner to the Mainboard.



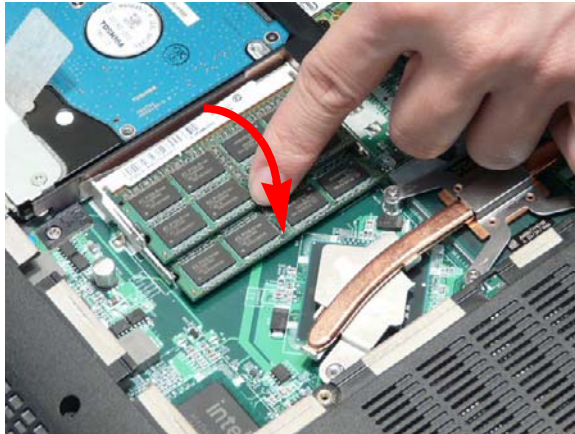
| Step     | Size | Quantity | Screw Type                                                                            |
|----------|------|----------|---------------------------------------------------------------------------------------|
| TV Tuner | M2*3 | 1        |  |

## Replacing the DIMM Modules

1. Insert the DIMM Module in place.



2. Press down to lock the DIMM module in place.

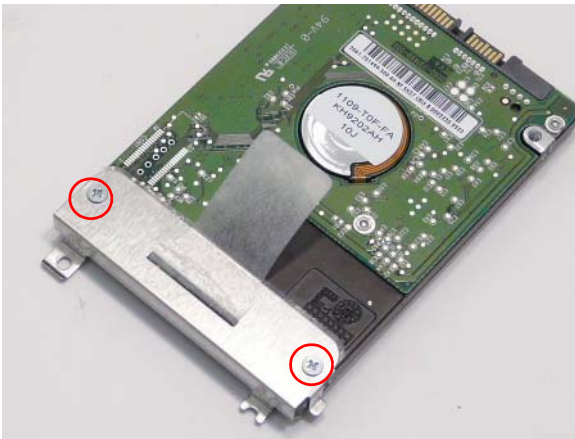


## Replacing the Hard Disk Drive Module

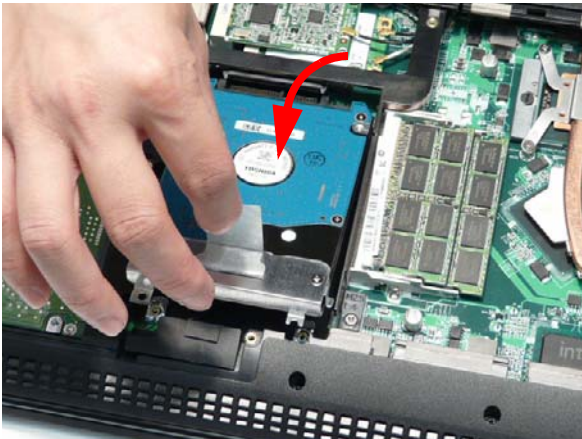
1. Place the HDD in the HDD carrier.



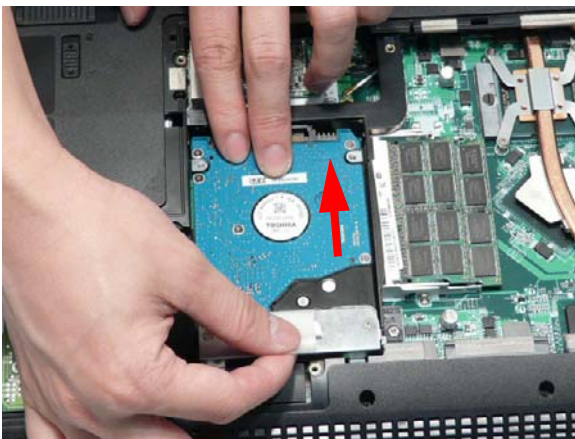
2. Replace the two screws to secure the carrier.



3. Insert the HDD, interface side first, and lower it into place.



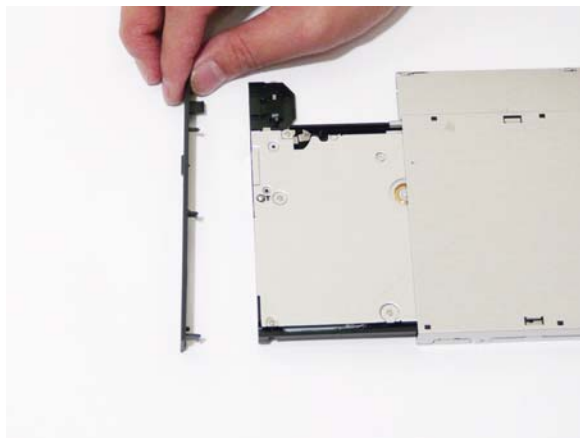
4. Slide the HDD in the direction of the arrow to connect the interface.



---

## Replacing the ODD Module

1. With the ODD tray in the eject position, replace the ODD cover on the new ODD Module.



2. Secure ODD bracket with two screws.
3. Slide the module in to the chassis and press until the module is flush with the chassis.



4. Replace the single screw to secure the Module.

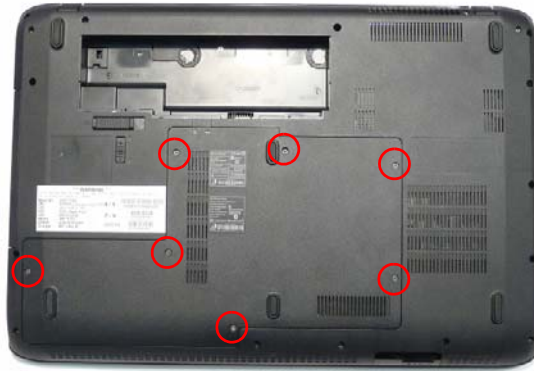


## Replacing the Lower Covers

1. Insert the Lower Cover as shown.



2. Tighten the seven captive screws in the Lower Door.



---

## Replacing the SD Dummy Card

Push the SD Dummy into the slot until an audible click indicates that the card is correctly inserted.



## Replacing the Battery

1. Slide and hold the battery release latch to the release position (1), insert the battery pack and press down (2).
2. Slide the battery lock in the direction shown to secure the battery in place.





# Troubleshooting

---

## Common Problems

Use the following procedure as a guide for computer problems.

**NOTE:** The diagnostic tests are intended to test only Acer products. Non-Acer products, prototype cards, or modified options can give false errors and invalid system responses.

1. Obtain the failing symptoms in as much detail as possible.
2. Verify the symptoms by attempting to re-create the failure by running the diagnostic test or by repeating the same operation.
3. Use the following table with the verified symptom to determine which page to go to.

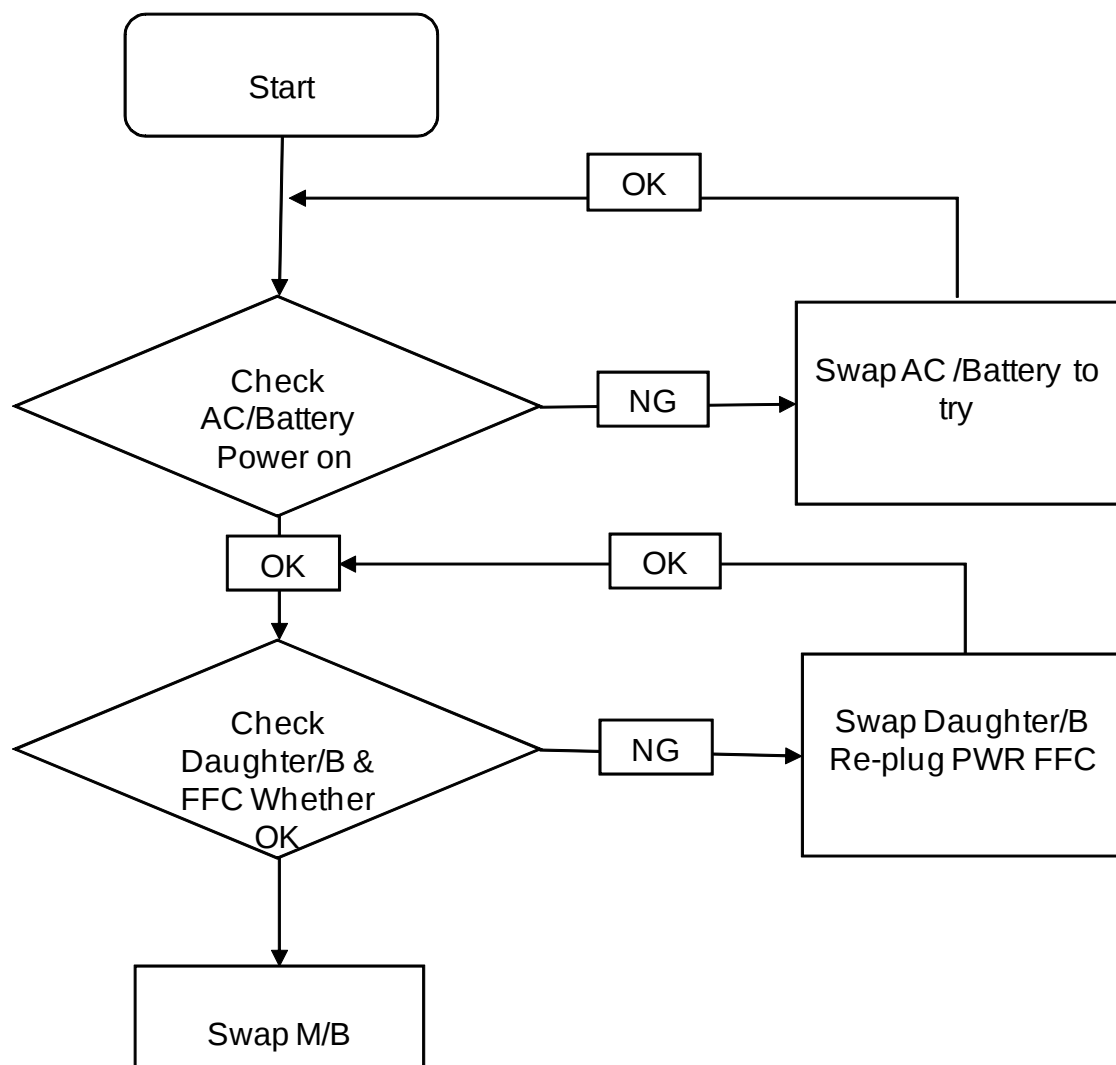
| Symptoms (Verified)          | Go To    |
|------------------------------|----------|
| Power On Issue               | Page 196 |
| No Display Issue             | Page 197 |
| Random Loss of BIOS Settings | Page 198 |
| LCD Failure                  | Page 199 |
| Internal Keyboard Failure    | Page 200 |
| TouchPad Failure             | Page 201 |
| Internal Speaker Failure     | Page 202 |
| Internal Microphone Failure  | Page 203 |
| HDD Failure                  | Page 204 |
| USB (Right side) Failure     | Page 205 |
| Other Functions Failure      | Page 205 |
| Motherboard CMOS discharge   | Page 205 |
| Intermittent Failures        | Page 205 |
| Undermined Failures          | Page 206 |

4. If the Issue is still not resolved, see "Online Support Information" on page 305.

---

## Power On Issue

If the system doesn't power on, perform the following actions one at a time to correct the problem. Do not replace non-defective FRUs:



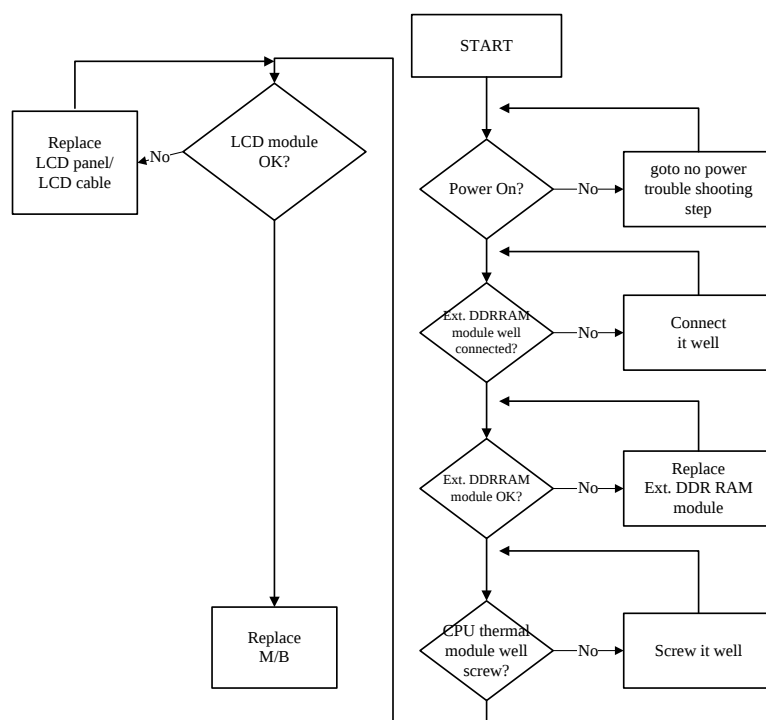
## Computer Shuts down Intermittently

If the system powers off at intervals, perform the following actions one at a time to correct the problem.

1. Check the power cable is properly connected to the computer and the electrical outlet.
2. Remove any extension cables between the computer and the outlet.
3. Remove any surge protectors between the computer and the electrical outlet. Plug the computer directly into a known good electrical outlet.
4. Disconnect the power and open the casing to check the Thermal Unit and fan airways are free of obstructions.
5. Remove all external and non-essential hardware connected to the computer that are not necessary to boot the computer to the failure point.
6. Remove any recently installed software.
7. If the Issue is still not resolved, see "Online Support Information" on page 305.

## No Display Issue

If the **Display** doesn't work, perform the following actions one at a time to correct the problem. Do not replace non-defective FRUs:



## No POST or Video

If the POST or video doesn't display, perform the following actions one at a time to correct the problem.

1. Make sure that the internal display is selected. On this notebook model, switching between the internal display and the external display is done by pressing **Fn+F5**. Reference Product pages for specific model procedures.
2. Make sure the computer has power by checking at least one of the following occurs:
  - Fans start up
  - Status LEDs light up

If there is no power, see “Power On Issue” on page 196.

3. Drain any stored power by removing the power cable and battery and holding down the power button for 10 seconds. Reconnect the power and reboot the computer.
4. Connect an external monitor to the computer and switch between the internal display and the external display is by pressing **Fn+F5** (on this model).

If the POST or video appears on the external display, see “LCD Failure” on page 199.

5. Disconnect power and all external devices including port replicators or docking stations. Remove any memory cards and CD/DVD discs. Restart the computer.

If the computer boots correctly, add the devices one by one until the failure point is discovered.

6. Reseat the memory modules.
7. Remove the drives (see “Disassembly Process” on page 54).
8. If the Issue is still not resolved, see “Online Support Information” on page 305.

---

## Abnormal Video Display

If video displays abnormally, perform the following actions one at a time to correct the problem.

1. Reboot the computer.
2. If permanent vertical/horizontal lines or dark spots display in the same location, the LCD is faulty and should be replaced. See “Disassembly Process” on page 54.
3. If extensive pixel damage is present (different colored spots in the same locations on the screen), the LCD is faulty and should be replaced. See “Disassembly Process” on page 54.
4. Adjust the brightness to its highest level. See the User Manual for instructions on adjusting settings.  
**NOTE:** Ensure that the computer is not running on battery alone as this may reduce display brightness.  
If the display is too dim at the highest brightness setting, the LCD is faulty and should be replaced. See “Disassembly Process” on page 54.
5. Check the display resolution is correctly configured:
  - a. Minimize or close all Windows.
  - b. If display size is only abnormal in an application, check the view settings and control/mouse wheel zoom feature in the application.
  - c. If desktop display resolution is not normal, right-click on the desktop and select **Personalize**→ **Display Settings**.
  - d. Click and drag the Resolution slider to the desired resolution.
  - e. Click **Apply** and check the display. Readjust if necessary.
6. Roll back the video driver to the previous version if updated.
7. Remove and reinstall the video driver.
8. Check the Device Manager to determine that:
  - The device is properly installed. There are no red Xs or yellow exclamation marks.
  - There are no device conflicts.
  - No hardware is listed under Other Devices.
9. If the Issue is still not resolved, see “Online Support Information” on page 305.
10. Run the Windows Memory Diagnostic from the operating system DVD and follow the onscreen prompts.
11. If the Issue is still not resolved, see “Online Support Information” on page 305.

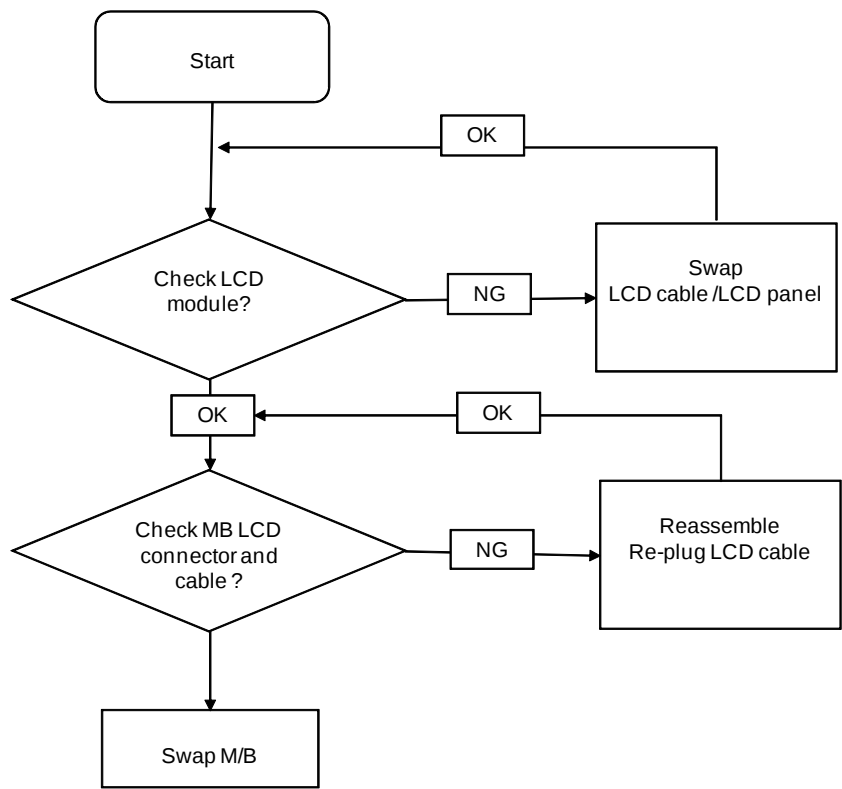
## Random Loss of BIOS Settings

If the computer is experiencing intermittent loss of BIOS information, perform the following actions one at a time to correct the problem.

1. If the computer is more than one year old, replace the CMOS battery.
2. Run a complete virus scan using up-to-date software to ensure the computer is virus free.
3. If the computer is experiencing HDD or ODD BIOS information loss, disconnect and reconnect the power and data cables between devices.  
If the BIOS settings are still lost, replace the cables.
4. If HDD information is missing from the BIOS, the drive may be defective and should be replaced.
5. Replace the Motherboard.
6. If the Issue is still not resolved, see “Online Support Information” on page 305.

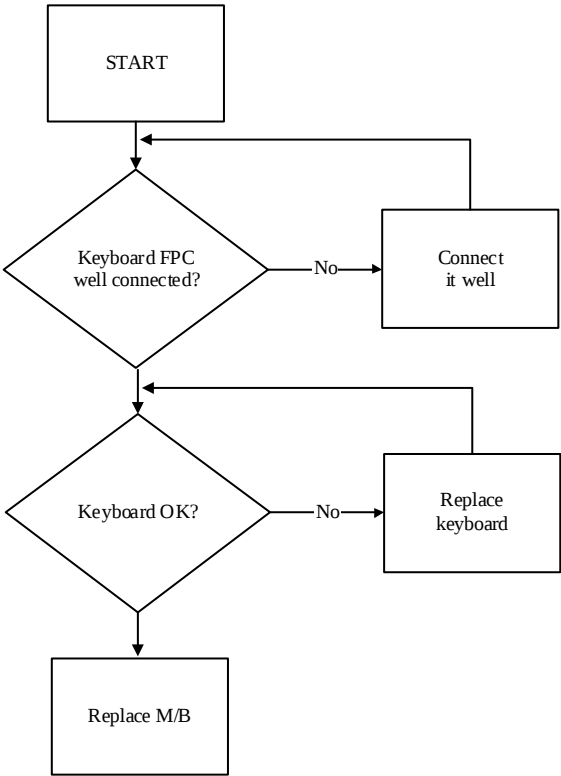
# LCD Failure

If the **LCD** fails, perform the following actions one at a time to correct the problem. Do not replace non-defective FRUs:



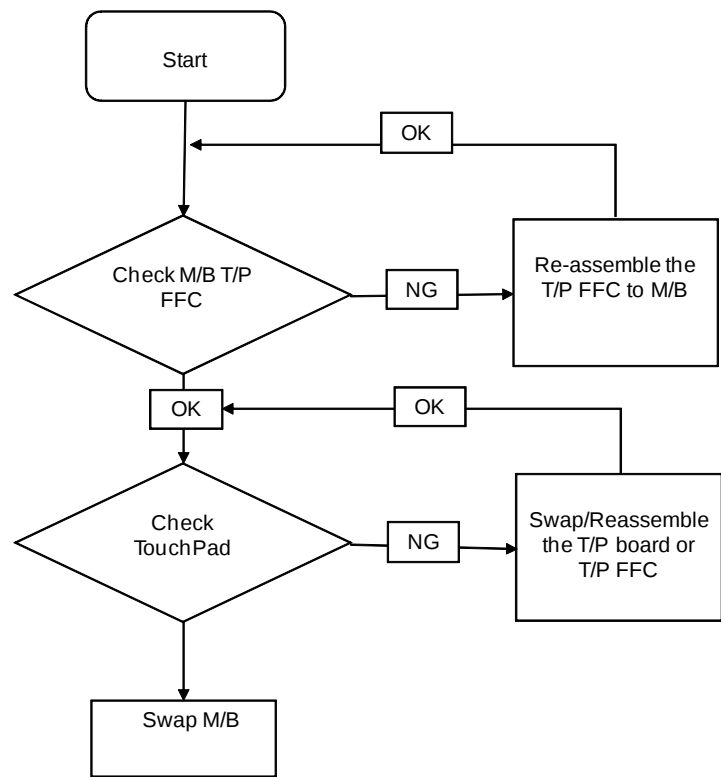
# Built-In Keyboard Failure

If the built-in **Keyboard** fails, perform the following actions one at a time to correct the problem. Do not replace non-defective FRUs:



# TouchPad Failure

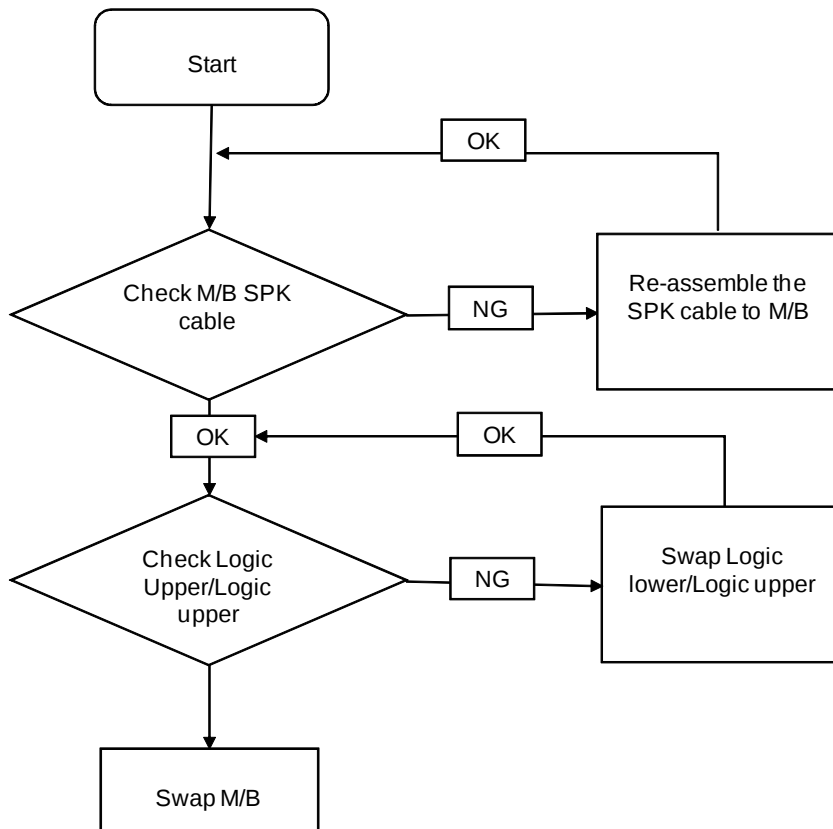
If the **TouchPad** doesn't work, perform the following actions one at a time to correct the problem. Do not replace non-defective FRUs:



---

## Internal Speaker Failure

If the internal **Speakers** fail, perform the following actions one at a time to correct the problem. Do not replace non-defective FRUs:



## Sound Problems

If sound problems are experienced, perform the following actions one at a time to correct the problem.

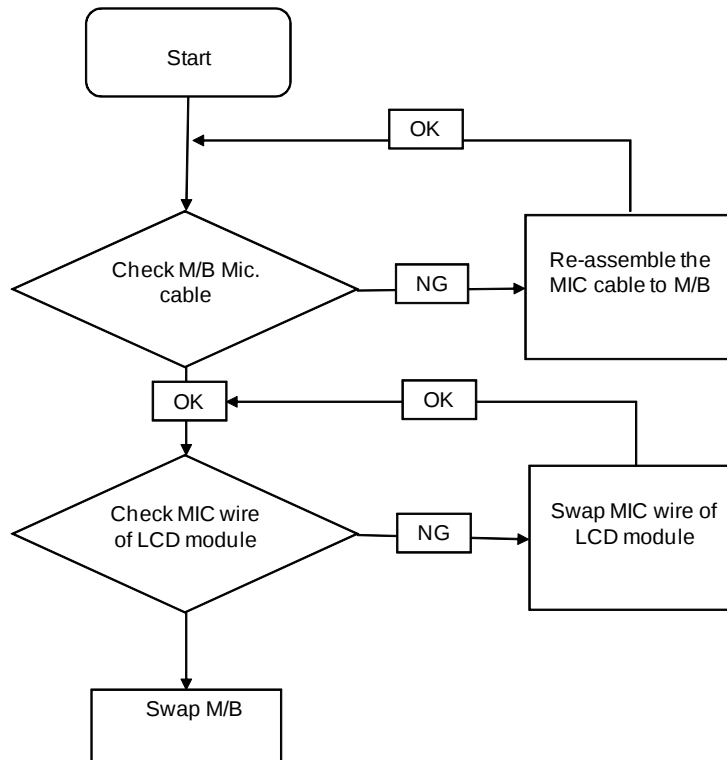
1. Reboot the computer.
2. Navigate to **Start** → **Control Panel** → **System and Maintenance** → **System** → **Device Manager**. Check the Device Manager to determine that:
  - The device is properly installed.
  - There are no red Xs or yellow exclamation marks.
  - There are no device conflicts.
  - No hardware is listed under Other Devices.
3. Roll back the audio driver to the previous version, if updated recently.
4. Remove and reinstall the audio driver.
5. Ensure that all volume controls are set mid range:
  - a. Click the volume icon on the taskbar and drag the slider to 50. Ensure that the volume is not muted.
  - b. Click Mixer to verify that other audio applications are set to 50 and not muted.
6. Navigate to **Start** → **Control Panel** → **Hardware and Sound** → **Sound**. Ensure that Speakers are selected as the default audio device (green check mark).

**NOTE:** If Speakers does not show, right-click on the **Playback** tab and select **Show Disabled Devices** (clear by default).

7. Select **Speakers** and click **Configure** to start **Speaker Setup**. Follow the onscreen prompts to configure the speakers.
8. Remove and recently installed hardware or software.
9. Restore system and file settings from a known good date using **System Restore**.  
If the issue is not fixed, repeat the preceding steps and select an earlier time and date.
10. Reinstall the Operating System.
11. If the Issue is still not resolved, see “Online Support Information” on page 305.

## Internal Microphone Failure

If the internal **Microphone** fails, perform the following actions one at a time to correct the problem. Do not replace non-defective FRUs:



## Microphone Problems

If internal or external **Microphones** do not operate correctly, perform the following actions one at a time to correct the problem.

1. Check that the microphone is enabled. Navigate to **Start**→ **Control Panel**→ **Hardware and Sound**→ **Sound** and select the **Recording** tab.
2. Right-click on the **Recording** tab and select **Show Disabled Devices** (clear by default).
3. The microphone appears on the **Recording** tab.
4. Right-click on the microphone and select **Enable**.
5. Select the microphone then click **Properties**. Select the **Levels** tab.
6. Increase the volume to the maximum setting and click **OK**.
7. Test the microphone hardware:
  - a. Select the microphone and click **Configure**.

- 
- b. Select **Set up microphone**.
    - c. Select the microphone type from the list and click **Next**.
    - d. Follow the onscreen prompts to complete the test.
  8. If the Issue is still not resolved, see “Online Support Information” on page 305.

## HDD Not Operating Correctly

If the **HDD** does not operate correctly, perform the following actions one at a time to correct the problem.

1. Disconnect all external devices.
2. Run a complete virus scan using up-to-date software to ensure the computer is virus free.
3. Run the Windows Vista Startup Repair Utility:
  - a. insert the Windows Vista Operating System DVD in the ODD and restart the computer.
  - b. When prompted, press any key to start to the operating system DVD.
  - c. The **Install Windows** screen displays. Click **Next**.
  - d. Select **Repair your computer**.
  - e. The **System Recovery Options** screen displays. Click **Next**.
  - f. Select the appropriate operating system, and click **Next**.

**NOTE:** Click **Load Drivers** if controller drives are required.

- g. Select **Startup Repair**.
  - h. Startup Repair attempts to locate and resolve issues with the computer.
  - i. When complete, click **Finish**.

If an issue is discovered, follow the onscreen information to resolve the problem.

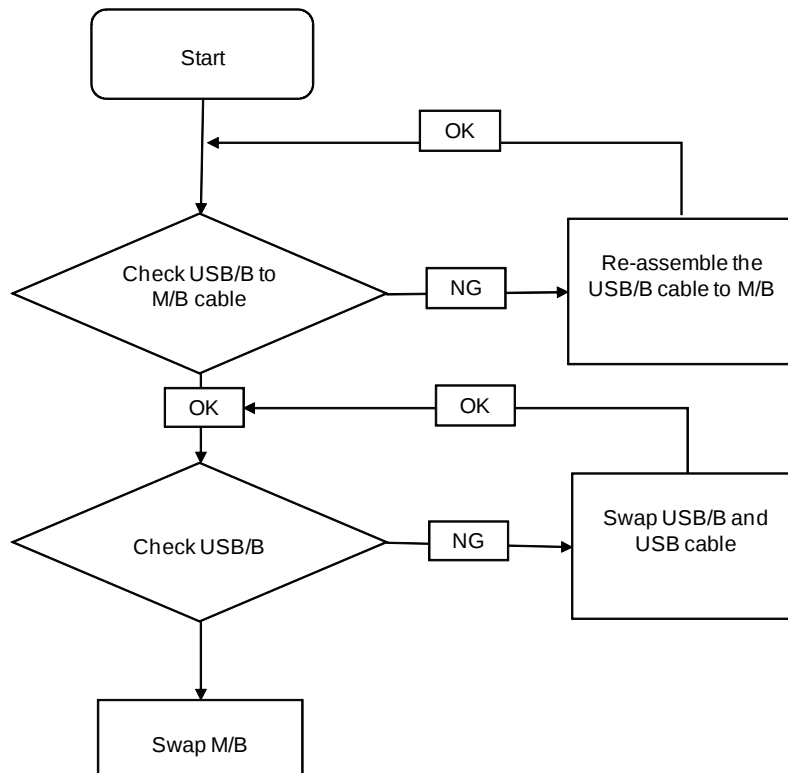
4. Run the Windows Memory Diagnostic Tool. For more information see Windows Help and Support.
5. Restart the computer and press F2 to enter the BIOS Utility. Check the BIOS settings are correct and that CD/DVD drive is set as the first boot device on the Boot menu.
6. Ensure all cables and jumpers on the HDD and ODD are set correctly.
7. Remove any recently added hardware and associated software.
8. Run the Windows Disk Defragmenter. For more information see Windows Help and Support.
9. Run Windows Check Disk by entering **chkdsk /r** from a command prompt. For more information see Windows Help and Support.
10. Restore system and file settings from a known good date using **System Restore**.

If the issue is not fixed, repeat the preceding steps and select an earlier time and date.
11. Replace the HDD. See “Disassembly Process” on page 54.

---

## USB (Right Up/Down Side) Failure

If the right-side **USB** fails, perform the following actions one at a time to correct the problem. Do not replace non-defective FRUs:



## Other Failures

If the CRT Switch, Dock, LAN Port, external MIC or Speakers, PCI Express Card, 5-in-1 Card Reader or Volume Wheel fail, perform the following general steps to correct the problem. Do not replace non-defective FRUs:

1. Check Drive whether is OK.
2. Check Test Fixture is ok.
3. Swap M/B to Try.

## Intermittent Problems

Intermittent system hang problems can be caused by a variety of reasons that have nothing to do with a hardware defect, such as: cosmic radiation, electrostatic discharge, or software errors. FRU replacement should be considered only when a recurring problem exists.

When analyzing an intermittent problem, do the following:

1. Run the advanced diagnostic test for the system board in loop mode at least 10 times.
2. If no error is detected, do not replace any FRU.
3. If any error is detected, replace the FRU. Rerun the test to verify that there are no more errors.

---

# Undetermined Problems

The diagnostic problems does not identify which adapter or device failed, which installed devices are incorrect, whether a short circuit is suspected, or whether the system is inoperative.

Follow these procedures to isolate the failing FRU (do not isolate non-defective FRU).

**NOTE:** Verify that all attached devices are supported by the computer.

**NOTE:** Verify that the power supply being used at the time of the failure is operating correctly. (See “Power On Issue” on page 196.):

1. Power-off the computer.
2. Visually check them for damage. If any problems are found, replace the FRU.
3. Remove or disconnect all of the following devices:
  - Non-Acer devices
  - Printer, mouse, and other external devices
  - Battery pack
  - Hard disk drive
  - DIMM
  - CD-ROM/Diskette drive Module
  - PC Cards
4. Power-on the computer.
5. Determine if the problem has changed.
6. If the problem does not recur, reconnect the removed devices one at a time until you find the failing FRU.
7. If the problem remains, replace the following FRU one at a time. Do not replace a non-defective FRU:
  - System board
  - LCD assembly

---

# Post Codes

These tables describe the POST codes and descriptions during the POST.

## Chipset POST Codes

The following table details the chipset POST codes and functions used in the POST.

| Code | Beeps   | POST Routine Description                                  |
|------|---------|-----------------------------------------------------------|
| 02h  |         | Verify Real Mode                                          |
| 03h  |         | Disable Non-Maskable Interrupt (NMI)                      |
| 04h  |         | Get CPU type                                              |
| 06h  |         | Initialize system hardware                                |
| 08h  |         | Initialize chipset with initial POST values               |
| 09h  |         | Set IN POST flag                                          |
| 0Ah  |         | Initialize CPU registers                                  |
| 0Bh  |         | Enable CPU cache                                          |
| 0Ch  |         | Initialize caches to initial POST values                  |
| 0Eh  |         | Initialize I/O component                                  |
| 0Fh  |         | Initialize the local bus IDE                              |
| 10h  |         | Initialize Power Management                               |
| 11h  |         | Load alternate registers with initial POST values         |
| 12h  |         | Restore CPU control word during warm boot                 |
| 13h  |         | Initialize PCI Bus Mastering devices                      |
| 14h  |         | Initialize keyboard controller                            |
| 16h  | 1-2-2-3 | BIOS ROM checksum                                         |
| 17h  |         | Initialize cache before memory autosize                   |
| 18h  |         | 8254 timer initialization                                 |
| 1Ah  |         | 8237 DMA controller initialization                        |
| 1Ch  |         | Reset Programmable Interrupt Controller                   |
| 20h  | 1-3-1-1 | Test DRAM refresh                                         |
| 22h  | 1-3-1-3 | Test 8742 Keyboard Controller                             |
| 24h  |         | Set ES segment register to 4 GB                           |
| 26h  |         | Enable A20 line                                           |
| 28h  |         | Autosize DRAM                                             |
| 29h  |         | Initialize POST Memory Manager                            |
| 2Ah  |         | Clear 512 KB base RAM                                     |
| 2Ch  | 1-3-4-1 | RAM failure on address line xxxx*                         |
| 2Eh  | 1-3-4-3 | RAM failure on data bits xxxx* of low byte of memory bus  |
| 2Fh  |         | Enable cache before system BIOS shadow                    |
| 30h  | 1-4-1-1 | RAM failure on data bits xxxx* of high byte of memory bus |
| 32h  |         | Test CPU bus-clock frequency                              |
| 33h  |         | Initialize Phoenix Dispatch Manager                       |
| 36h  |         | Warm start shut down                                      |
| 38h  |         | Shadow system BIOS ROM                                    |

| Code | Beeps   | POST Routine Description                       |
|------|---------|------------------------------------------------|
| 3Ah  |         | Autosize cache                                 |
| 3Ch  |         | Advanced configuration of chipset registers    |
| 3Dh  |         | Load alternate registers with CMOS values      |
| 42h  |         | Initialize interrupt vectors                   |
| 45h  |         | POST device initialization                     |
| 46h  | 2-1-2-3 | Check ROM copyright notice                     |
| 48h  |         | Check video configuration against CMOS         |
| 49h  |         | Initialize PCI bus and devices                 |
| 4Ah  |         | Initialize all video adapters in system        |
| 4Bh  |         | QuietBoot start (optional)                     |
| 4Ch  |         | Shadow video BIOS ROM                          |
| 4Eh  |         | Display BIOS copyright notice                  |
| 50h  |         | Display CPU type and speed                     |
| 51h  |         | Initialize EISA board                          |
| 52h  |         | Test keyboard                                  |
| 54h  |         | Set key click if enabled                       |
| 58h  | 2-2-3-1 | Test for unexpected interrupts                 |
| 59h  |         | Initialize POST display service                |
| 5Ah  |         | Display prompt "Press F2 to enter SETUP"       |
| 5Bh  |         | Disable CPU cache                              |
| 5Ch  |         | Test RAM between 512 and 640 KB                |
| 60h  |         | Test extended memory                           |
| 62h  |         | Test extended memory address lines             |
| 64h  |         | Jump to UserPatch1                             |
| 66h  |         | Configure advanced cache registers             |
| 67h  |         | Initialize Multi Processor APIC                |
| 68h  |         | Enable external and CPU caches                 |
| 69h  |         | Setup System Management Mode (SMM) area        |
| 6Ah  |         | Display external L2 cache size                 |
| 6Bh  |         | Load custom defaults (optional)                |
| 6Ch  |         | Display shadow-area message                    |
| 6Eh  |         | Display possible high address for UMB recovery |
| 70h  |         | Display error messages                         |
| 72h  |         | Check for configuration errors                 |
| 76h  |         | Check for keyboard errors                      |
| 7Ch  |         | Set up hardware interrupt vectors              |
| 7Eh  |         | Initialize coprocessor if present              |
| 80h  |         | Disable onboard Super I/O ports and IRQs       |
| 81h  |         | Late POST device initialization                |
| 82h  |         | Detect and install external RS232 ports        |
| 83h  |         | Configure non-MCD IDE controllers              |
| 84h  |         | Detect and install external parallel ports     |
| 85h  |         | Initialize PC-compatible PnP ISA devices       |

| Code | Beeps | POST Routine Description                                              |
|------|-------|-----------------------------------------------------------------------|
| 86h  |       | Re-initialize onboard I/O ports.                                      |
| 87h  |       | Configure Motherboard Configurable Devices (optional)                 |
| 88h  |       | Initialize BIOS Data Area                                             |
| 89h  |       | Enable Non-Maskable Interrupts (NMIs)                                 |
| 8Ah  |       | Initialize Extended BIOS Data Area                                    |
| 8Bh  |       | Test and initialize PS/2 mouse                                        |
| 8Ch  |       | Initialize floppy controller                                          |
| 8Fh  |       | Determine number of ATA drives (optional)                             |
| 90h  |       | Initialize hard-disk controllers                                      |
| 91h  |       | Initialize local-bus hard-disk controllers                            |
| 92h  |       | Jump to UserPatch2                                                    |
| 93h  |       | Build MPTABLE for multi-processor boards                              |
| 95h  |       | Install CD ROM for boot                                               |
| 96h  |       | Clear huge ES segment register                                        |
| 97h  |       | Fixup Multi Processor table                                           |
| 98h  | 1-2   | Search for option ROMs. One long, two short beeps on checksum failure |
| 99h  |       | Check for SMART Drive (optional)                                      |
| 9Ah  |       | Shadow option ROMs                                                    |
| 9Ch  |       | Set up Power Management                                               |
| 9Dh  |       | Initialize security engine (optional)                                 |
| 9Eh  |       | Enable hardware interrupts                                            |
| 9Fh  |       | Determine number of ATA and SCSI drives                               |
| A0h  |       | Set time of day                                                       |
| A2h  |       | Check key lock                                                        |
| A4h  |       | Initialize Typematic rate                                             |
| A8h  |       | Erase F2 prompt                                                       |
| AAh  |       | Scan for F2 key stroke                                                |
| ACh  |       | Enter SETUP                                                           |
| A Eh |       | Clear Boot flag                                                       |
| B0h  |       | Check for errors                                                      |
| B2h  |       | POST done - prepare to boot operating system                          |
| B4h  | 1     | One short beep before boot                                            |
| B5h  |       | Terminate QuietBoot (optional)                                        |
| B6h  |       | Check password (optional)                                             |
| B9h  |       | Prepare Boot                                                          |
| BAh  |       | Initialize DMI parameters                                             |
| BBh  |       | Initialize PnP Option ROMs                                            |
| BCh  |       | Clear parity checkers                                                 |
| BDh  |       | Display MultiBoot menu                                                |
| BEh  |       | Clear screen (optional)                                               |
| BFh  |       | Check virus and backup reminders                                      |
| C0h  |       | Try to boot with INT 19                                               |

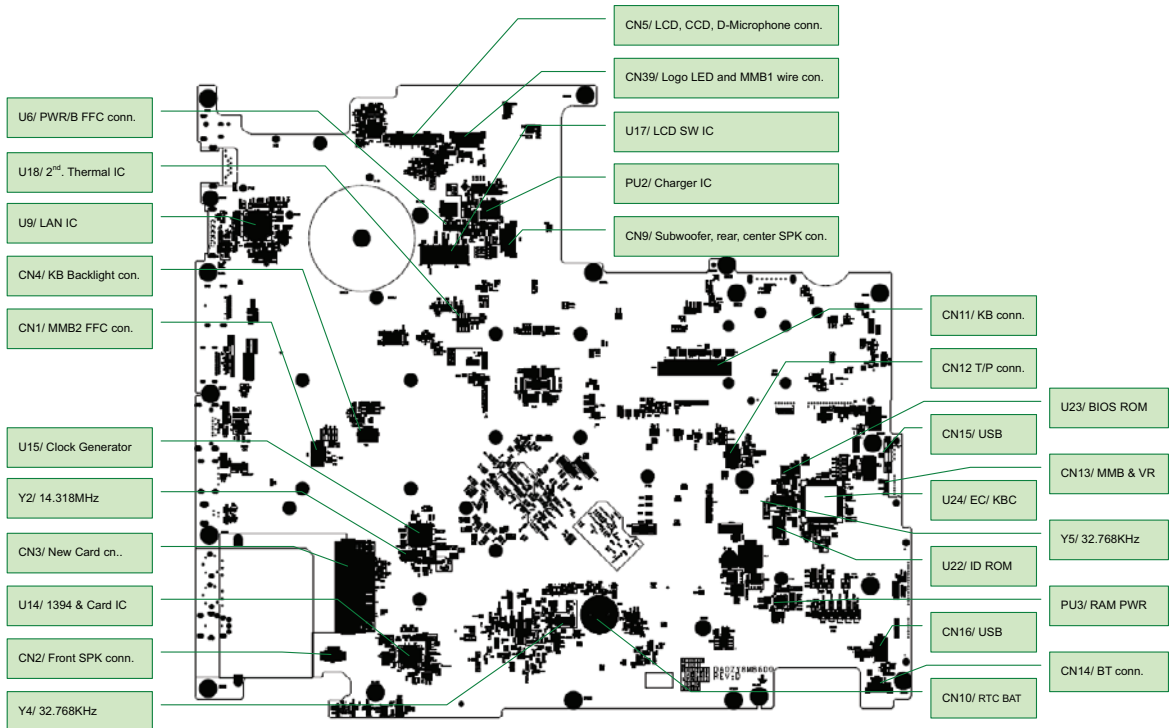
| Code | Beeps | POST Routine Description               |
|------|-------|----------------------------------------|
| C1h  |       | Initialize POST Error Manager (PEM)    |
| C2h  |       | Initialize error logging               |
| C3h  |       | Initialize error display function      |
| C4h  |       | Initialize system error handler        |
| C5h  |       | PnPnd dual CMOS (optional)             |
| C6h  |       | Initialize notebook docking (optional) |
| C7h  |       | Initialize notebook docking late       |
| C8h  |       | Force check (optional)                 |
| C9h  |       | Extended checksum (optional)           |
| D2h  |       | Unknown interrupt                      |

| Code | Beeps | For Boot Block in Flash ROM       |
|------|-------|-----------------------------------|
| E0h  |       | Initialize the chipset            |
| E1h  |       | Initialize the bridge             |
| E2h  |       | Initialize the CPU                |
| E3h  |       | Initialize system timer           |
| E4h  |       | Initialize system I/O             |
| E5h  |       | Check force recovery boot         |
| E6h  |       | Checksum BIOS ROM                 |
| E7h  |       | Go to BIOS                        |
| E8h  |       | Set Huge Segment                  |
| E9h  |       | Initialize Multi Processor        |
| EAh  |       | Initialize OEM special code       |
| EBh  |       | Initialize PIC and DMA            |
| ECh  |       | Initialize Memory type            |
| EDh  |       | Initialize Memory size            |
| EEh  |       | Shadow Boot Block                 |
| EFh  |       | System memory test                |
| F0h  |       | Initialize interrupt vectors      |
| F1h  |       | Initialize Run Time Clock         |
| F2h  |       | Initialize video                  |
| F3h  |       | Initialize System Management Mode |
| F4h  | 1     | Output one beep before boot       |
| F5h  |       | Boot to Mini DOS                  |
| F6h  |       | Clear Huge Segment                |
| F7h  |       | Boot to Full DOS                  |

\* If the BIOS detects error 2C, 2E, or 30 (base 512K RAM error), it displays an additional word-bitmap (xxxx) indicating the address line or bits that failed. For example, "2C 0002" means address line 1 (bit one set) has failed. "2E 1020" means data bits 12 and 5 (bits 12 and 5 set) have failed in the lower 16 bits. Note that error 30 cannot occur on 386SX systems because they have a 16 rather than 32-bit bus. The BIOS also sends the bitmap to the port-80 LED display. It first displays the check point code, followed by a delay, the high-order byte, another delay, and then the low-order byte of the error. It repeats this sequence continuously.

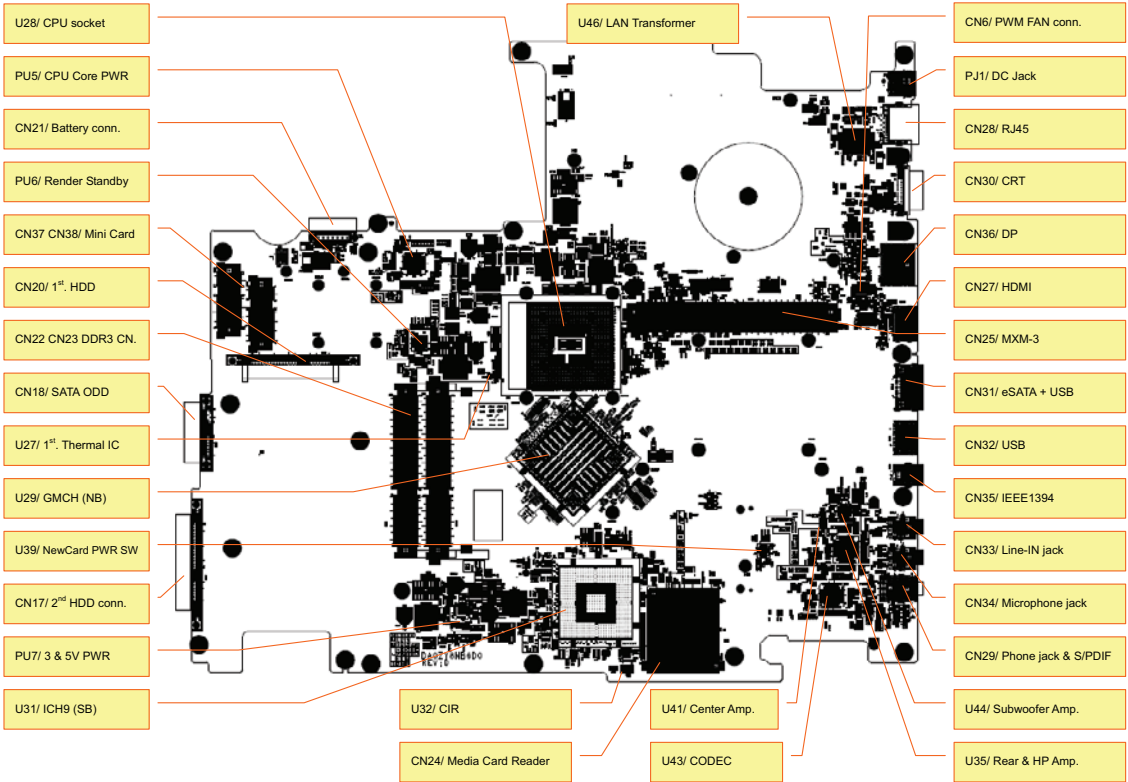
# Jumper and Connector Locations

## Top View



| Item | Description                      | Item | Description                           |
|------|----------------------------------|------|---------------------------------------|
| U6   | PWR/B FFC connector              | PU2  | Charger IC                            |
| U18  | Second thermal IC                | CN9  | Subwoofer, rear, center SPK connector |
| U9   | LAN IC                           | CN11 | KB connector                          |
| CN4  | KB Backlight connector           | CN12 | T/P connector                         |
| CN1  | MMB2 FFC connector               | U23  | BIOS ROM                              |
| U15  | Clock Generator                  | CN15 | USB                                   |
| Y2   | 14.318MHz                        | CN13 | MMB & VR                              |
| CN3  | New Card connector               | U24  | EC/ KBC                               |
| U14  | 1394 & Card IC                   | Y5   | 32.768KHz                             |
| CN2  | Front SPK connector              | U22  | ID ROM                                |
| Y4   | 32.768KHz                        | PU3  | RAM PWR                               |
| CN5  | LCD, CCD, D-microphone conn.     | CN16 | USB                                   |
| CN39 | Logo LED and MMB1 wire connector | CN14 | BT connector                          |
| U17  | LCD SW IC                        | CN10 | RTC BAT                               |

# Bottom View



| Item      | Description      | Item | Description         |
|-----------|------------------|------|---------------------|
| U28       | CPU socket       | CN28 | RJ45                |
| PU5       | CPU Core PWR     | CN30 | CRT                 |
| CN21      | Battery conn.    | CN36 | DP                  |
| PU6       | Render Standby   | CN27 | HDMI                |
| CN37 CN38 | Mini Card        | CN25 | MXM-3               |
| CN20      | First HDD        | CN31 | eSATA + USB         |
| CN22 CN23 | DDR3 CN          | CN32 | USB                 |
| CN18      | SATA ODD         | CN35 | IEEE1394            |
| U27       | First Thermal IC | CN33 | Line-IN jack        |
| U29       | GMCH (NB)        | CN34 | Microphone jack     |
| U39       | New Card PWR SW  | CN29 | Phone jack & S/PDIF |
| CN17      | Second HDD conn. | U44  | Subwoofer Amp.      |
| PU7       | 3 & 5V PWR       | U35  | Rear & HP Amp.      |
| U31       | ICH9 (SB)        | U43  | CODEC               |
| U46       | LAN Transformer  | U41  | Center Amp.         |
| CN6       | PWM FAN conn.    | CN24 | Media Card Reader   |
| PJ1       | DC Jack          | U32  | CIR                 |

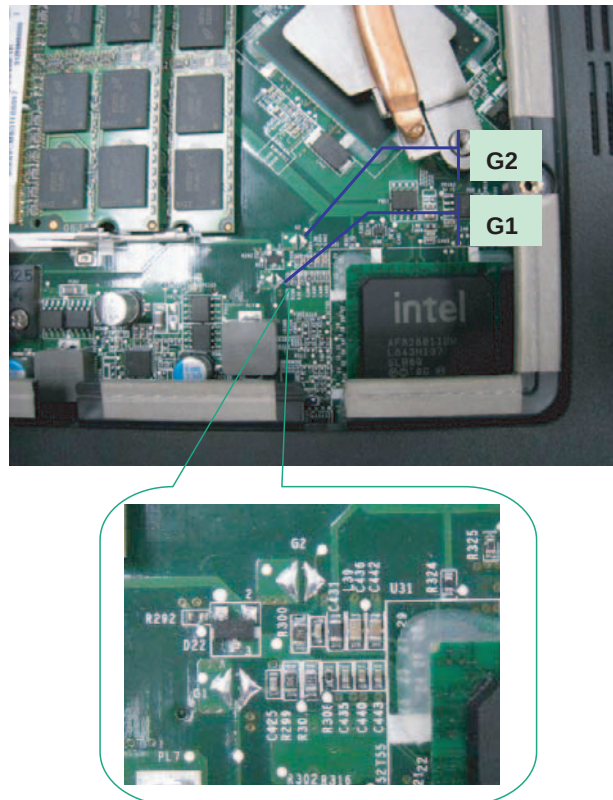
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# Clearing Password Check and BIOS Recovery

This section provide you the standard operating procedures of clearing password and BIOS recovery for Acer SM80. Acer SM80 provides one Hardware Open Gap on main board for clearing password check, and one Hotkey for enabling BIOS Recovery.

## Clearing Password Check

Hardware Open Gap Description is as follows:



If users set a BIOS Password (Supervisor Password and/or User Password) for security reasons, the BIOS will prompt for a password during system POST or when systems enter to BIOS Setup menu. However, if it is necessary to bypass the password check, users need to short the HW Gap to clear the password by performing the following procedure:

1. Power off the system, and unplug the AC and Battery from the machine.
2. Open the Hard Drive and RAM doors.
3. Remove the Hard drive
4. Remove the mylar as shown in the above figure
5. Find the appropriate HW Gap on M/B as shown in the picture.
  - G2 is the Secondary RTC Reset. This signal resets the manageability register bits in the RTC well when the TRTC battery is removed. The SRTCST# input must always be high when all other RTC power planes are on. In the case where the RTC Battery is dead or missing on the platform, the SRTCST# pin must rise before the RSMRST# pin.
  - G3 is the RTC Reset. When asserted, this signal resets register bits in the RTC well. Unless the CMOS is being cleared (only to be done in the G3 power state), the RTCRST# input must always be high when all other RTC power planes are on. In the case where the RTC Battery is dead or missing on the platform, the RTCRST# pin must rise before the RSMRST# pin.
6. Use an electric conductivity tool to short the two points of the HW Gap G3.

- 
7. Plug in AC, keeping the HW Gap shorted, and press Power Button to power on the system till BIOS POST finish. Then remove the tool from the HW Gap.
  8. Restart system. Press F2 key to enter BIOS Setup menu.

If there is no Password request, the BIOS Password has been successfully cleared. Otherwise, please follow the steps and try again.

**NOTE:** The steps are only for clearing BIOS Password (Supervisor Password and User Password).

## BIOS Recovery by Crisis Disk

### BIOS Recovery Boot Block:

BIOS Recovery Boot Block is a special block of BIOS. It is used to boot up the system with minimum BIOS initialization. Users can enable this feature to restore the BIOS firmware to a successful one once the previous BIOS flashing process failed.

### BIOS Recovery Hotkey:

The system provides a function hotkey: **Fn+Esc**, for enable BIOS Recovery process when system is powered on during BIOS POST. To use this function, it is strongly recommended to have the AC adapter and Battery present. If this function is enabled, the system will force the BIOS to enter a special BIOS block, called Boot Block.

### Steps for BIOS Recovery by USB flash crisis disk:

Before doing this, prepare the Crisis USB key. The Crisis USB key could be made by executing the Crisis Disk program in another system with Windows XP OS.

Follow the steps below:

1. Plug in the USB disk.
2. Launch the **wincris.exe** program to create a USB Crisis Disk. Click **Start** to initiate the process.
3. Select the **Quick Format** option to format the disk and click **Start**. Follow the instructions on the screen to create the disk.
4. Copy the **KAYFOX64.fd** BIOS file into USB flash disk root directory.

**NOTE:** Do not place any other \*.fd file in the USB flash disk root directory.

To use the Crisis USB key, do the following:

1. Plug USB storage into USB port.
2. Press **Fn + ESC** button then plug in AC power.  
The Power button flashes orange once.
3. Press **Power** button to initiate system CRISIS mode.  
When CRISIS is complete, the system auto restarts with a workable BIOS.
4. Update the latest version BIOS for this machine by regular BIOS flashing process.

## FRU (Field Replaceable Unit) List

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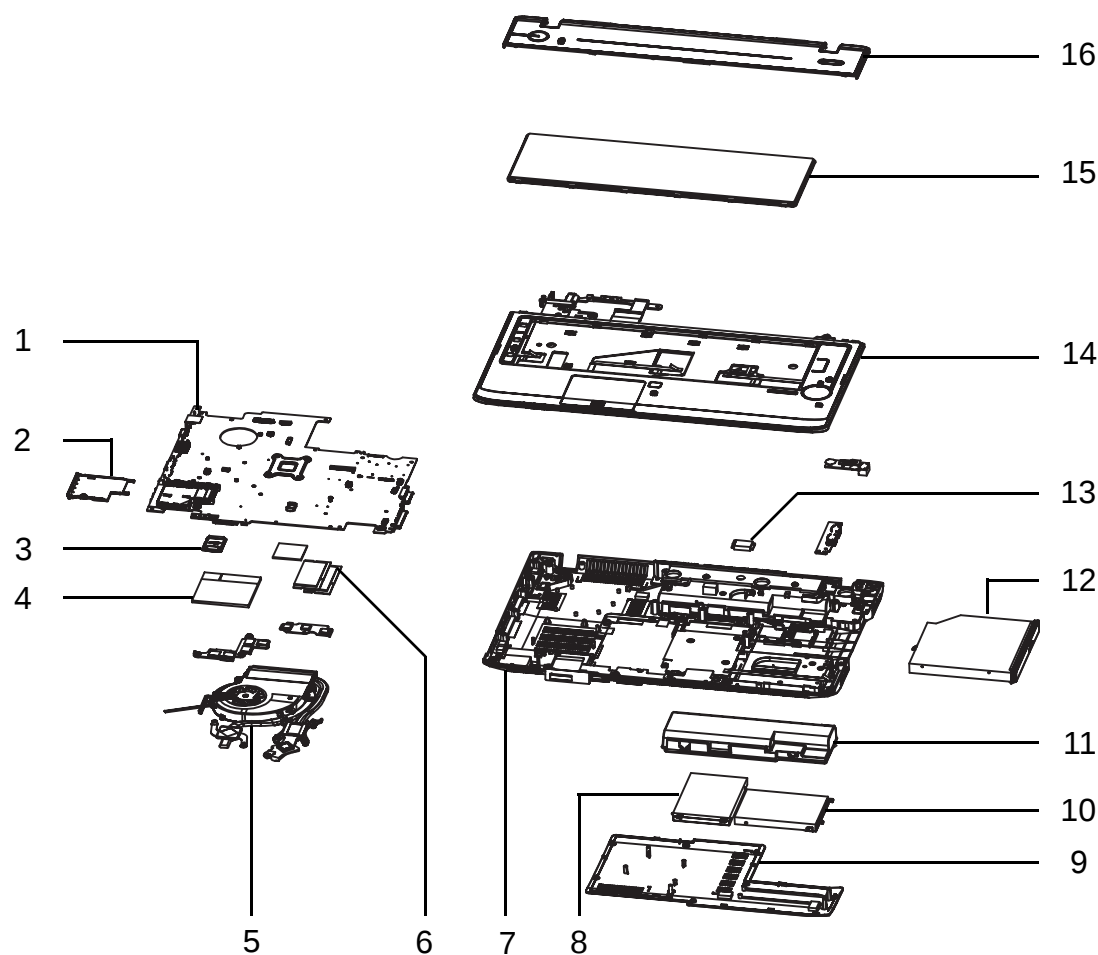
This chapter gives you the FRU (Field Replaceable Unit) listing in global configurations of Acer SM80. Refer to this chapter whenever ordering for parts to repair or for RMA (Return Merchandise Authorization).

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 printed 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.

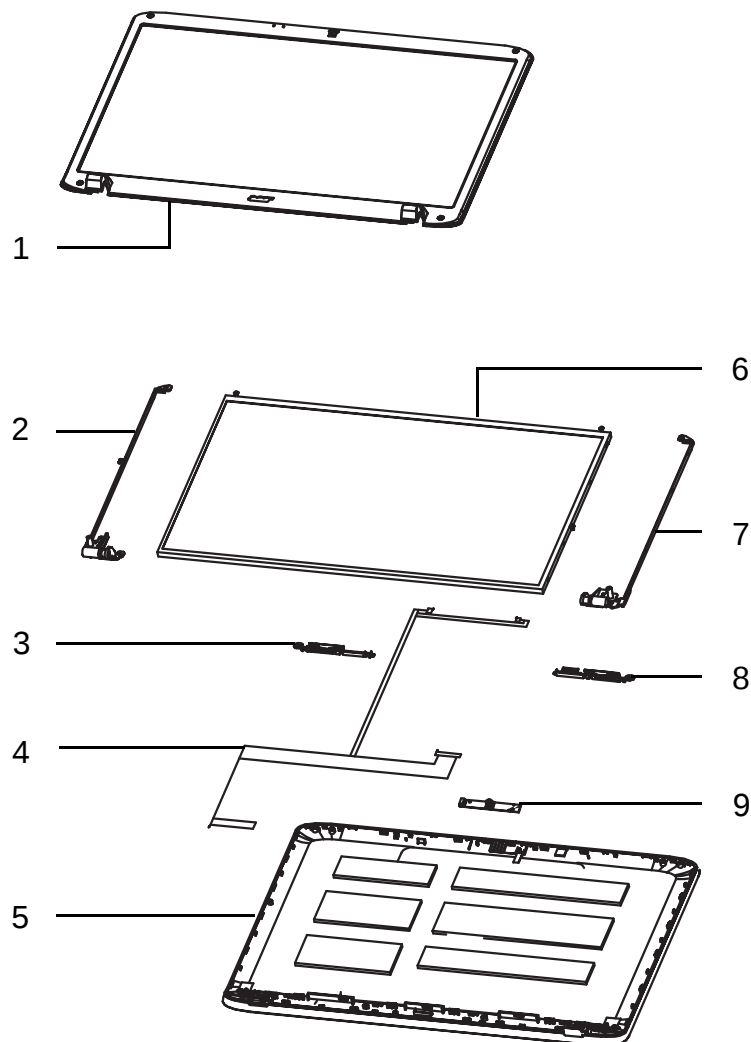
# Acer SM80 Exploded Diagrams

## Main Chassis



| No. | Description    | Acer P/N     | No. | Description  | Acer P/N     |
|-----|----------------|--------------|-----|--------------|--------------|
| 1   | Mainboard      | TBD          | 9   | Lower Door   | 42.PDA07.002 |
| 2   | Dummy New Card | 42.PDA07.003 | 10  | HDD1         | KH.16007.019 |
| 3   | Dummy SD Card  | 42.PDA07.004 | 11  | Battery      | BT.00803.024 |
| 4   | Graphics Card  | VG.M9606.004 | 12  | ODD          | 6M.PDA07.001 |
| 5   | Thermal Module | 60.PDA07.007 | 13  | Bluetooth    | BT.21100.005 |
| 6   | Memory         | KN.2GB04.004 | 14  | Upper Cover  | 60.PDA07.001 |
| 7   | Lower Cover    | 60.PDA07.002 | 15  | Keyboard     | KB.I170A.005 |
| 8   | HDD2           | KH.16007.019 | 16  | Switch Cover | 42.PDA07.001 |

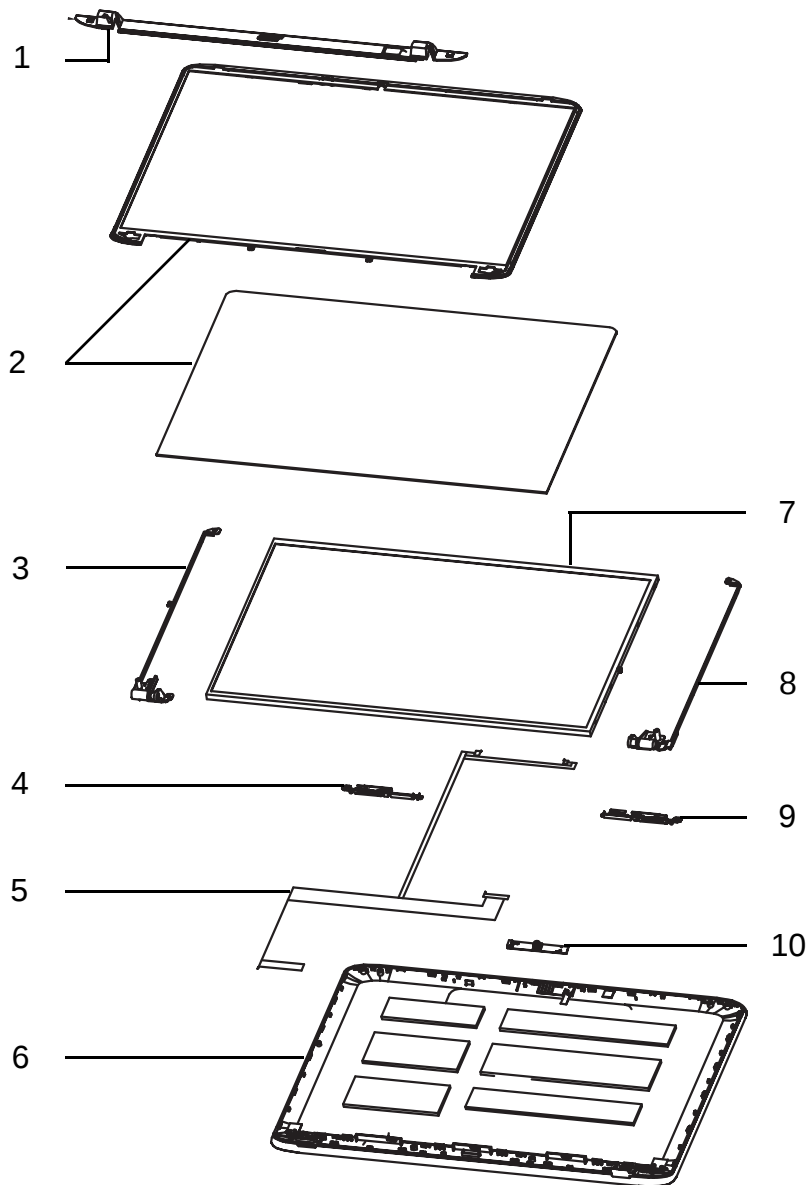
# LCD Assembly



| No. | Description   | Acer P/N     | No. | Description   | Acer P/N     |
|-----|---------------|--------------|-----|---------------|--------------|
| 1   | LCD Bezel     | 60.PD207.001 | 6   | LCD Panel     | LK.1840D.003 |
| 2   | LCD Bracket_L | 33.PD207.002 | 7   | LCD Bracket_R | 33.PD207.001 |
| 3   | Antenna_L     | 60.PDA07.003 | 8   | Antenna_R     | 60.PDA07.003 |
| 4   | LCD Cable     | 50.PDA07.002 | 9   | Camera        | 57.PDA07.001 |
| 5   | LCD Module    | 60.PDA07.003 |     |               |              |

NOTE: Antennas are not supplied separately. The part number given is for the LCD Module which includes the Antennas.

# LCD Assembly (Non-Bezel)

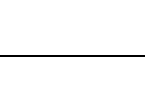


| No. | Description       | Acer P/N     | No. | Description   | Acer P/N     |
|-----|-------------------|--------------|-----|---------------|--------------|
| 1   | Bezel Cap         | 60.PDA07.005 | 6   | LCD Module    | 6M.PDA07.004 |
| 2   | LCD Bezel w/Glass | 60.PDA07.004 | 7   | LCD Panel     | LK.1840D.003 |
| 3   | LCD Bracket_L     | 33.PDA07.006 | 8   | LCD Bracket_R | 33.PDA07.005 |
| 4   | Antenna_L         | 6M.PDA07.004 | 9   | Antenna_R     | 6M.PDA07.004 |
| 5   | LCD Cable         | 50.PDA07.002 | 10  | Camera        | 57.PDA07.001 |

NOTE: Antennas are not supplied separately. The part number given is for the LCD Module which includes the Antennas.

# Acer SM80 FRU List

| Category                                                                            | Description                                                                  | Acer PN.     |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------------|
| <b>Adapter</b>                                                                      |                                                                              |              |
|                                                                                     | Adapter DELTA 120W 19V 1.7x5.5x11 Orange ADP-120ZB BBX LED LF                | AP.12001.008 |
| <b>Battery</b>                                                                      |                                                                              |              |
|    | Battery SANYO AS-2007B Li-Ion 4S2P SANYO 8 cell 4800mAh Main COMMON          | BT.00803.024 |
|                                                                                     | Battery SONY AS-2007B Li-Ion 4S2P SONY 8 cell 4800mAh Main COMMON            | BT.00804.020 |
|                                                                                     | Battery SIMPLO AS-2007B Li-Ion 4S2P PANASONIC 8 cell 4800mAh Main COMMON PSS | BT.00807.015 |
| <b>Board</b>                                                                        |                                                                              |              |
|    | BLUETOOTH MODULE (T60H928.11)                                                | BT.21100.005 |
|    | Lan Intel WLAN 512AG_MMWG Shirley Peak 5100 MM#897004                        | KI.SPM01.005 |
|                                                                                     | Lan Intel WLAN 512AN_MMWG MM#895361TA#E14718-012                             | KI.SPM01.003 |
|                                                                                     | Lan Intel WLAN 512AN_MMWG Shirley Peak 5100 MM#895361 TA#E14718-014          | KI.SPM01.003 |
|                                                                                     | Lan Intel WLAN 512AN_MMWG2 Shirley Peak 5100 ME enable / MM#899541           | KI.SPM01.008 |
|                                                                                     | Lan Intel WLAN 533AN_MMWG2 Shirley Peak 5300 ME enable / MM#899545           | KI.SPM01.009 |
|  | POWER BOARD W/MYLAR                                                          | 55.PDA07.001 |
|  | SWITCH BOARD                                                                 | 55.PDA07.002 |
|  | USB BOARD                                                                    | 55.PDA07.003 |
|  | TOUCHPAD BOARD W/FP                                                          | 55.PDA07.004 |
|  | VR BOARD                                                                     | 55.PDA07.005 |
|  | TP LOCK BOARD                                                                | 55.PDA07.006 |

| Category                                                                            | Description                                                                                     | Acer PN.     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|--------------|
|    | MSI VGA Card AMD M96XT DDRIII 1024M 900MHz 64*16 MXM 3.0 Type A w/ Samsung K4W1G1646D-EJ11      | VG.M9606.004 |
|                                                                                     | MSI VGA Card AMD M96 DDRII 1024M 500MHz 64*16 MXM 3.0 Type A w/ Samsung K4N1G164QE-HC20         | VG.M9606.003 |
|                                                                                     | Foxconn VGA Card AMD M96 DDRII 1024M 500MHz 64*16 MXM 3.0 Type A w/ Hynix H5PS1G63EFR-20L       | VG.M960H.001 |
|                                                                                     | MSI VGA Card nVidia N10PGE1 DDRII 1024M 500MHz 64*16 MXM 3.0 Type A w/ Hynix H5PS1G63EFR-20L    | VG.10P06.002 |
|                                                                                     | Yuan VGA Card nVidia N10PGE1 DDRII 1024M 500MHz 64*16 MXM 3.0 Type A w/ Samsung K4N1G164QE-HC20 | VG.10P0Y.003 |
|    | DVB-T MINI TUNER CARD A310 W/CONN & ADA                                                         | TU.23100.010 |
|                                                                                     | AVERMEDIA DVB-T MINI-CARD A309 REV1.0                                                           | TU.23100.016 |
| <b>Cable</b>                                                                        |                                                                                                 |              |
|  | PWR CORD V943B30001218008 DANISH 3P                                                             | 27.A03V7.006 |
|                                                                                     | PWR CORD(ISR)1.8M 3PBLK FZ0I0008-038                                                            | 27.TATV7.005 |
|                                                                                     | PWR CORD V50CB3T3012180QD TW-110V,3P                                                            | 27.A99V7.002 |
|                                                                                     | POWER CORD(SWI)1.8M 3PBLACK FZ0I0008-011                                                        | 27.A99V7.004 |
|                                                                                     | POWER CORD(IT) 1.8M 3PBLACK FZ0I0008-008                                                        | 27.A99V7.005 |
|                                                                                     | POWER CORD(S.A) 1.8M 3BLACK FZ0I0008-006                                                        | 27.T48V7.001 |
|                                                                                     | POWER CORD US 3PIN ROHS                                                                         | 27.TAXV7.001 |
|                                                                                     | POWER CORD(EU) 1.8M 3PBLACK FM0I0008-010                                                        | 27.TATV7.001 |
|                                                                                     | POWER CORD(UK) 1.8M 3PBLACK FP0I0008-013                                                        | 27.TATV7.003 |
|                                                                                     | POWER CORD BRAZIL IMETRO 3 PIN                                                                  | 27.S0607.001 |
|                                                                                     | POWER CORD(S.A) 1.8M 3BLACK FZ0I0008-006                                                        | 27.T48V7.001 |
|  | BLUETOOTH CABLE                                                                                 | 50.TPK07.001 |
|  | FFC CABLE - P/B TO MB                                                                           | 50.PDA07.001 |
|  | FFC CABLE - TP TO TP/B                                                                          | 50.PDA07.003 |
|  | FFC CABLE - TP_LOCK TO TP/B                                                                     | 50.PDA07.004 |

| Category                                                                            | Description                                                                                          | Acer PN.     |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------|
|    | FFC CABLE - TP/B TO MB                                                                               | 50.PDA07.005 |
|    | FFC CABLE - MMB3 TO MB                                                                               | 50.PDA07.006 |
|    | FFC CABLE - MMB3 TO VR/B                                                                             | 50.PDA07.007 |
|    | FFC CABLE - MMB3 TO S/B                                                                              | 50.PDA07.008 |
|    | FFC CABLE - MMB2 TO MB                                                                               | 50.PDA07.009 |
|    | FFC CABLE - USB/B TO MB                                                                              | 50.PDA07.010 |
| <b>Case/Cover/Bracket Assembly</b>                                                  |                                                                                                      |              |
|    | MIDDLE COVER                                                                                         | 42.PDA07.001 |
|  | UPPER CASE ASSY W/TP, TP FFC, TP_LOCK FFC, TP/B FFC, MMB3, MMB3 FFC, VR FFC, S/B FFC, MMB2, MMB2 FFC | 60.PDA07.001 |
|  | LOWER CASE ASSY W/SPEAKER, SPEAKER FRONT, USB/B FFC, TV-IN CABLE                                     | 60.PDA07.002 |
|                                                                                     | LOWER CASE ASSY W/SPEAKER, SPEAKER FRONT, USB/B FFC W/O TV                                           | 60.PDA07.008 |
|  | BASE COVER W/RUBBER                                                                                  | 42.PDA07.002 |
|  | TP BOARD HOLDER                                                                                      | 33.PDA07.001 |
|  | DUMMY NEW CARD                                                                                       | 42.PDA07.003 |
|  | DUMMY 4 IN 1 CARD                                                                                    | 42.PDA07.004 |
|                                                                                     | VGA SUPPORT BRACKET                                                                                  | 33.PDA07.002 |

| Category                                                                            | Description                                                                                               | Acer PN.     |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------|
| <b>CPU/Processor</b>                                                                |                                                                                                           |              |
|    | CPU Intel Core2Dual P8700 PGA 2.53G 3M 1066 25W R-0                                                       | KC.87R01.DPP |
|                                                                                     | CPU Intel Core2Dual T6400 PGA 2.0G 3M 800 35W R-0                                                         | KC.64001.DTP |
|                                                                                     | CPU Intel Core2Dual P8600 PGA 2.4G 3M 1066 25W R-0                                                        | KC.86R01.DPP |
|                                                                                     | CPU Intel Core2Dual T9550 PGA 2.66G 6M 1066 35W E-0                                                       | KC.95501.DTP |
|                                                                                     | CPU Intel Core2Quad Q9000 PGA 2.0G 6M 1066 45W                                                            | KC.90001.QQP |
| <b>Super Multidrive</b>                                                             |                                                                                                           |              |
|    | DVD/RW SUPER MULTI MODULE                                                                                 | 6M.PDA07.001 |
|                                                                                     | ODD HLDS SM DRIVE 12.7mm Tray DL 8X GT20N LF W/O bezel SATA F/W: CP01->CP02                               | KU.0080D.040 |
|                                                                                     | SUPER-MULTI DRIVE 12.7MM SONY TRAY DL 8X AD-7580S LF W/O BEZEL SATA                                       | KU.0080E.017 |
|    | ODD BRACKET                                                                                               | 33.PDA07.003 |
|    | ODD BEZEL - SUPER MULTI                                                                                   | 42.PDA07.005 |
| <b>Combo Drive</b>                                                                  |                                                                                                           |              |
|    | BD COMBO MODULE                                                                                           | 6M.PDA07.002 |
|                                                                                     | ODD PIONEER BD COMBO 12.7mm Tray DL 4X BDC-TD01RS LF W/O bezel SATA                                       | KO.00405.002 |
|                                                                                     | ODD HLDS BD COMBO 12.7mm Tray DL 4X CT10 LF W/O bezel SATA                                                | KO.0040D.002 |
|                                                                                     | ODD SONY BD COMBO 12.7mm Tray DL 4X BC-5500S LF W/O bezel SATA                                            | KO.0040E.001 |
|  | ODD BRACKET                                                                                               | 33.PDA07.003 |
|  | ODD BEZEL - BD COMBO                                                                                      | 42.PDA07.006 |
|  | BLUE RAY RW MODULE                                                                                        | 6M.PDA07.003 |
|                                                                                     | ODD PIONEER BD RW 12.7mm Tray DL 4X BDR-TD01RS LF W/O bezel SATA                                          | KU.00405.014 |
|                                                                                     | ODD PANASONIC BD RW 12.7mm Tray DL 4X UJ230A LF W/O bezel SATA 2X double Layer, 4X Single Layer F/W: 1003 | KU.00407.013 |
|  | ODD BRACKET                                                                                               | 33.PDA07.003 |
|  | ODD BEZEL - BD RW                                                                                         |              |
| <b>HDD</b>                                                                          |                                                                                                           |              |
|  | HDD HGST 2.5" 5400rpm 160GB HTS543216L9A300 Falcon-B SATA LF F/W:C40C                                     | KH.16007.019 |
|                                                                                     | HDD WD 2.5" 5400rpm 160GB WD1600BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11                                    | KH.16008.022 |
|                                                                                     | HDD HGST 2.5" 5400rpm 250GB HTS545025B9A300 Panther B SATA LF F/W:C60F                                    | KH.25007.015 |
|                                                                                     | HDD WD 2.5" 5400rpm 250GB WD2500BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11                                    | KH.25008.021 |

| Category                                                                            | Description                                                             | Acer PN.     |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------|--------------|
|    | HDD SEAGATE 2.5" 5400rpm 250GB ST9250315AS Wyatt SATA LF F/W:0001SDM1   | KH.25001.016 |
|                                                                                     | HDD TOSHIBA 2.5" 5400rpm 250GB MK2555GSX Libra SATA LF F/W:FG001J       | KH.25004.003 |
|                                                                                     | HDD TOSHIBA 2.5" 5400rpm 320GB MK3255GSX Libra SATA LF F/W:FG011J       | KH.32004.002 |
|                                                                                     | HDD SEAGATE 2.5" 5400rpm 320GB ST9320320AS Crockett SATA LF F/W:0303    | KH.32001.008 |
|                                                                                     | HDD HGST 2.5" 5400rpm 320GB HTS545032B9A300 Panther B SATA LF F/W: C60F | KH.32007.007 |
|                                                                                     | HDD WD 2.5" 5400rpm 320GB WD3200BEVT-22ZCT0 ML160 SATA LF F/W:11.01A11  | KH.32008.013 |
|                                                                                     | HDD SEAGATE 2.5" 5400rpm 500GB ST9500325AS Wyatt SATA LF F/W:0001SDM1   | KH.50001.011 |
|                                                                                     | HDD TOSHIBA 2.5" 5400rpm 500GB MK5055GSX Libra SATA LF F/W:FG001J       | KH.50004.001 |
|                                                                                     | HDD HGST 2.5" 5400rpm 500GB HTS545050B9A300 Panther B SATA LF F/W:C60F  | KH.50007.009 |
|                                                                                     | HDD WD 2.5" 5400rpm 500GB WD5000BEVT-22ZAT0 ML250 SATA LF F/W:01.01A01  | KH.50008.013 |
|                                                                                     | HDD SEAGATE 2.5" 5400rpm 160GB ST9160310AS Crockett SATA LF F/W:0303    | KH.16001.034 |
|                                                                                     | HDD TOSHIBA 2.5" 5400rpm 160GB MK1655GSX Libra SATA LF F/W: FG011J      | KH.16004.006 |
|   | HDD BRACKET ASSY                                                        | 33.PDA07.004 |
| <b>Keyboard</b>                                                                     |                                                                         |              |
|  | Keyboard ACER AC7B SM80 17 103KS Black Arabic Backlit                   | KB.I170A.005 |
|                                                                                     | Keyboard ACER AC7B SM80 17 104KS Black Belgium Backlit                  | KB.I170A.006 |
|                                                                                     | Keyboard ACER AC7B SM80 17 104KS Black Brazilian Portuguese Backlit     | KB.I170A.007 |
|                                                                                     | Keyboard ACER AC7B SM80 17 104KS Black CZ/SK Backlit                    | KB.I170A.008 |
|                                                                                     | Keyboard ACER AC7B SM80 17 103KS Black Chinese Backlit                  | KB.I170A.009 |
|                                                                                     | Keyboard ACER AC7B SM80 17 104KS Black Danish Backlit                   | KB.I170A.010 |
|                                                                                     | Keyboard ACER AC7B SM80 17 104KS Black FR/Arabic Backlit                | KB.I170A.011 |
|                                                                                     | Keyboard ACER AC7B SM80 17 104KS Black French Backlit                   | KB.I170A.012 |
|                                                                                     | Keyboard ACER AC7B SM80 17 104KS Black German Backlit                   | KB.I170A.013 |
|                                                                                     | Keyboard ACER AC7B SM80 17 103KS Black Greek Backlit                    | KB.I170A.014 |

| Category                                                                            | Description                                                               | Acer PN.     |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------|--------------|
|    | Keyboard ACER AC7B SM80 17 104KS Black Hungarian Backlit                  | KB.I170A.015 |
|                                                                                     | Keyboard ACER AC7B SM80 17 104KS Black Italian Backlit                    | KB.I170A.016 |
|                                                                                     | Keyboard ACER AC7B SM80 17 107KS Black Japanese Backlit                   | KB.I170A.017 |
|                                                                                     | Keyboard ACER AC7B SM80 17 104KS Black Nordic Backlit                     | KB.I170A.018 |
|                                                                                     | Keyboard ACER AC7B SM80 17 104KS Black Norwegian Backlit                  | KB.I170A.019 |
|                                                                                     | Keyboard ACER AC7B SM80 17 104KS Black Portuguese Backlit                 | KB.I170A.020 |
|                                                                                     | Keyboard ACER AC7B SM80 17 103KS Black Russian Backlit                    | KB.I170A.021 |
|                                                                                     | Keyboard ACER AC7B SM80 17 104KS Black SLO/CRO Backlit                    | KB.I170A.022 |
|                                                                                     | Keyboard ACER AC7B SM80 17 104KS Black Spanish Backlit                    | KB.I170A.023 |
|                                                                                     | Keyboard ACER AC7B SM80 17 104KS Black Sweden Backlit                     | KB.I170A.024 |
|                                                                                     | Keyboard ACER AC7B SM80 17 104KS Black Swiss/G Backlit                    | KB.I170A.025 |
|                                                                                     | Keyboard ACER AC7B SM80 17 103KS Black Thailand Backlit                   | KB.I170A.026 |
|                                                                                     | Keyboard ACER AC7B SM80 17 104KS Black Turkish Backlit                    | KB.I170A.027 |
|                                                                                     | Keyboard ACER AC7B SM80 17 104KS Black UK Backlit                         | KB.I170A.028 |
|                                                                                     | Keyboard ACER AC7B SM80 17 103KS Black US International Backlit           | KB.I170A.029 |
|                                                                                     | Keyboard ACER AC7B SM80 17 103KS Black US International w/ Hebrew Backlit | KB.I170A.030 |
|                                                                                     | Keyboard ACER AC7B SM80 17 104KS Black US w/ Canadian French Backlit      | KB.I170A.031 |
| <b>LCD</b>                                                                          |                                                                           |              |
|  | LED LCD FLUSH MODULE 18.4 WUXGAG W/CCD ANTENNA *3                         | 6M.PDA07.004 |
|  | LED LCD CMO 18.4" WUXGA Glare N184H6-L02 LF 220nit 8ms 500:1              | LK.1840D.003 |
|  | LCD CABLE FOR CCD                                                         | 50.PDA07.002 |
|  | LCD COVER ASSY W/ANTENNA *3                                               | 60.PDA07.003 |

| Category                                                                            | Description                                                  | Acer PN.     |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------|--------------|
|    | LCD BEZEL ASSY FOR CCD W/GLASS                               | 60.PDA07.004 |
|    | BEZEL CAP W/MMB1, LOGO CABLE                                 | 60.PDA07.005 |
|    | LCD BRACKET W/HINGE FOR GLASS - R                            | 33.PDA07.005 |
|    | LCD BRACKET W/HINGE FOR GLASS - L                            | 33.PDA07.006 |
|    | CCD MODULE SUYIN 1.0M                                        | 57.PDA07.001 |
|                                                                                     | CCD MODULE CN1014-S36B-OV01-1 CHICONY 1.0M                   | 57.PDA07.002 |
|    | LED LCD FLUSH MODULE 18.4 WUXGAG W/CCD ANTENNA *2            | 6M.PDA07.005 |
|    | LED LCD CMO 18.4" WUXGA Glare N184H6-L02 LF 220nit 8ms 500:1 | LK.1840D.003 |
|   | LCD CABLE FOR CCD                                            | 50.PDA07.002 |
|  | LCD COVER ASSY W/ANTENNA *2                                  | 60.PDA07.006 |
|  | LCD BEZEL ASSY FOR CCD W/GLASS                               | 60.PDA07.004 |
|  | BEZEL CAP W/MMB1, LOGO CABLE                                 | 60.PDA07.005 |
|  | LCD BRACKET W/HINGE FOR GLASS - R                            | 33.PDA07.005 |
|  | LCD BRACKET W/HINGE FOR GLASS - L                            | 33.PDA07.006 |
|  | CCD MODULE SUYIN 1.0M                                        | 57.PDA07.001 |
|                                                                                     | CCD MODULE CN1014-S36B-OV01-1 CHICONY 1.0M                   | 57.PDA07.002 |
|  | LED LCD MODULE 18.4 WUXGAG W/CCD ANTENNA *3                  | 6M.PD207.001 |

| Category                                                                            | Description                                                     | Acer PN.     |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------|--------------|
|    | LED LCD CMO 18.4" WUXGA Glare N184H6-L02 LF<br>220nit 8ms 500:1 | LK.1840D.003 |
|    | LCD CABLE FOR CCD                                               | 50.PDA07.002 |
|    | LCD COVER ASSY W/ANTENNA *3                                     | 60.PDA07.003 |
|    | LCD BEZEL ASSY FOR CCD                                          | 60.PD207.001 |
|    | LCD BRACKET W/HINGE - R                                         | 33.PD207.001 |
|    | LCD BRACKET W/HINGE - L                                         | 33.PD207.002 |
|    | CCD MODULE SUYIN 1.0M                                           | 57.PDA07.001 |
|                                                                                     | CCD MODULE CN1014-S36B-OV01-1 CHICONY 1.0M                      | 57.PDA07.002 |
|  | LED LCD MODULE 18.4 WUXGAG W/CCD ANTENNA *2                     | 6M.PD207.002 |
|  | LED LCD CMO 18.4" WUXGA Glare N184H6-L02 LF<br>220nit 8ms 500:1 | LK.1840D.003 |
|  | LCD CABLE FOR CCD                                               | 50.PDA07.002 |
|  | LCD COVER ASSY W/ANTENNA *2                                     | 60.PDA07.006 |
|  | LCD BEZEL ASSY FOR CCD                                          | 60.PD207.001 |
|  | LCD BRACKET W/HINGE - R                                         | 33.PD207.001 |
|  | LCD BRACKET W/HINGE - L                                         | 33.PD207.002 |

| Category                                                                            | Description                                                                | Acer PN.     |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------|--------------|
|    | CCD MODULE SUYIN 1.0M                                                      | 57.PDA07.001 |
|                                                                                     | CCD MODULE CN1014-S36B-OV01-1 CHICONY 1.0M                                 | 57.PDA07.002 |
| <b>Mainboard</b>                                                                    |                                                                            |              |
|    | MAINBOARD GM45 DIS 35W DC W/CARD READER EXPRESS CARD W/O CPU RAM           | TBD          |
|                                                                                     | MAINBOARD GM45 DIS 45W QC W/CARD READER EXPRESS CARD W/O CPU RAM           | TBD          |
| <b>Memory</b>                                                                       |                                                                            |              |
|    | Memory MICRON SO-DIMM DDRIII 1066 2GB MT16JSF25664HY-1G1D1 LF 128*8 0.07um | KN.2GB04.004 |
|                                                                                     | Memory ELPIDA SO-DIMM DDRIII 1066 2GB EBJ21UE8BAU0-AE-E LF 128*8 0.07um    | KN.2GB09.002 |
|                                                                                     | Memory SAMSUNG SO-DIMM DDRIII 1066 2GB M471B5673DZ1-CF8 LF                 | KN.2GB0B.005 |
|                                                                                     | Memory HYNIX SO-DIMM DDRIII 1066 2GB HMT125S6AFP8C-G7N0 LF 128*8 0.065um   | KN.2GB0G.009 |
| <b>Thermal Module</b>                                                               |                                                                            |              |
|   | THERMAL MODULE - M96 FOR 35W                                               | 60.PDA07.007 |
|                                                                                     | THERMAL MODULE - N10PGE1 FOR 35W                                           | 60.PD107.001 |
|                                                                                     | THERMAL MODULE - N10PGE1 FOR 45W                                           | 60.PD107.002 |
|                                                                                     | THERMAL MODULE - M96 FOR 45W                                               | 60.PDD07.001 |
|  | VGA HEATSINK                                                               | 33.PDA07.007 |
| <b>Speaker</b>                                                                      |                                                                            |              |
|  | SPEAKER W/SUB-WOOFER                                                       | 23.PDA07.001 |
|  | SPEAKER FRONT                                                              | 23.PDA07.002 |
| <b>Remote Control</b>                                                               |                                                                            |              |
|                                                                                     | FOMOSA21 REMOTE CONTROLLER RC804V-B EU                                     | RT.22700.008 |
|                                                                                     | FORMOSA21 REMOTE CONTROLLER RC804V-B TC                                    | RT.22700.009 |
|                                                                                     | FORMOSA21 REMOTE CONTROLLER RC804V-B SC                                    | RT.22700.010 |
|                                                                                     | FORMOSA21 REMOTE CONTROLLER RC804V-B EN                                    | RT.22700.011 |
| <b>Miscellaneous</b>                                                                |                                                                            |              |
|                                                                                     | NAME PLATE                                                                 | 40.PDA07.001 |
|                                                                                     | LCD SCREW RUBBER                                                           | 47.PDA07.001 |
|                                                                                     | BASE FOOT RUBBER LONG                                                      | 47.PDA07.002 |
|                                                                                     | BASE FOOT RUBBER SHORT                                                     | 47.PDA07.003 |
|                                                                                     | UPPER CASE RUBBER                                                          | 47.PDA07.004 |
|                                                                                     | CCD RUBBER-R                                                               | 47.PDA07.005 |

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# Screw List

| Category | Description                     | Acer PN      |
|----------|---------------------------------|--------------|
| Screw    |                                 |              |
|          | SCREW M3*0.5+3.5I               | 86.A03V7.006 |
|          | SCREW M2.0*6-I(ANTI-LOOSE)      | 86.N1407.001 |
|          | SCREW M2.5*2-I (NI,NYLOK)       | 86.TDY07.001 |
|          | SCREW M2.5*4-I(BNI)             | 86.N1407.003 |
|          | SCREW M2.0*3.0-I IRON           | 86.S0207.001 |
|          | SCREW M2.5*4.0-I(NI)(NYLOK)     | 86.D01V7.001 |
|          | SCREW M2.5*6.5-I(BZN(NYLOK-RED) | 86.ARE07.001 |
|          | SCREW M2.5*5.0-I(NI)            | 86.ARE07.004 |
|          | SCREW M3*0.5+3.5I               | 86.TDY07.003 |



# Model Definition and Configuration

## Acer SM80 Series

| Model             | RO    | Country     | Acer Part No | Description                                                                                       | CPU      |
|-------------------|-------|-------------|--------------|---------------------------------------------------------------------------------------------------|----------|
| AS8935G-904G50Bn  | EMEA  | Middle East | LX.PDD0X.057 | AS8935G-904G50Bn EM VHP32ATME2 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_AR23     | C2QQ9000 |
| AS8935G-904G64Wn  | CHINA | Hong Kong   | LX.PDD0X.058 | AS8935G-904G64Wn VHP32ATHK2 MC M96XT1GBCFPbkQ 2*2G/320+320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_ZH31      | C2QQ9000 |
| AS8935G-904G50Bn  | EMEA  | Italy       | LX.PDD0X.056 | AS8935G-904G50Bn VHP32ATIT1 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_IT12        | C2QQ9000 |
| AS8935G-904G100Wn | EMEA  | Italy       | LX.PDD0X.055 | AS8935G-904G100Wn VHP32ATIT1 MC M96XT1GBCFPbkQ 2*2G/500_L+500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_IT12 | C2QQ9000 |
| AS8935G-904G32Bn  | EMEA  | Germany     | LX.PDD0X.052 | AS8935G-904G32Bn VHP32ATDE1 MC M96XT1GBCFPbkQ 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_DE13          | C2QQ9000 |
| AS8935G-904G100Wn | EMEA  | France      | LX.PDD0X.053 | AS8935G-904G100Wn VHP32ATFR1 MC M96XT1GBCFPbkQ 2*2G/500_L+500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FR23 | C2QQ9000 |
| AS8935G-904G50Bn  | EMEA  | France      | LX.PDD0X.054 | AS8935G-904G50Bn VHP32ATFR1 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FR23        | C2QQ9000 |
| AS8935G-904G100Bn | PA    | Canada      | LX.PDD0X.007 | AS8935G-904G100Bn VHP64ATCA2 MC M96XT1GBCFPbkQ 2*2G/500_L+500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FR31 | C2QQ9000 |
| AS8935G-904G32Bn  | CHINA | Hong Kong   | LX.PDD0X.001 | AS8935G-904G32Bn VHP32ATHK2 MC M96XT1GBCFPbkQ 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_ZH31          | C2QQ9000 |
| AS8935G-904G32Bn  | CHINA | China       | LX.PDD0X.002 | AS8935G-904G32Bn VHP32ATCN1 MC M96XT1GBCFPbkQ 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_SC11          | C2QQ9000 |
| AS8935G-904G48Wn  | AAP   | Japan       | LX.PDD0X.051 | AS8935G-904G48Wn VHP32APJP1 MC M96XT1GBCFPbkQ 2*2G/320+160/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_JA11_Q48F | C2QQ9000 |
| AS8935G-904G48Wn  | AAP   | Japan       | LX.PDD0X.050 | AS8935G-904G48Wn VHP32AJP1 MC M96XT1GBCFPbkQ 2*2G/320+160/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_JA11_Q48   | C2QQ9000 |
| AS8935G-904G50Wn  | EMEA  | Middle East | LX.PDD0X.025 | AS8935G-904G50Wn EM VHP32ATME2 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_AR13     | C2QQ9000 |
| AS8935G-904G50Wn  | EMEA  | Turkey      | LX.PDD0X.030 | AS8935G-904G50Wn EM VHP32ATTR1 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_TR33     | C2QQ9000 |

| Model            | RO   | Country        | Acer Part No | Description                                                                                   | CPU      |
|------------------|------|----------------|--------------|-----------------------------------------------------------------------------------------------|----------|
| AS8935G-904G50Wn | EMEA | UK             | LX.PDD0X.032 | AS8935G-904G50Wn VHP32ATGB1 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EN14    | C2QQ9000 |
| AS8935G-904G50Wn | EMEA | South Africa   | LX.PDD0X.042 | AS8935G-904G50Wn EM VHP32ATZA1 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FR23 | C2QQ9000 |
| AS8935G-904G50Wn | EMEA | Norway         | LX.PDD0X.039 | AS8935G-904G50Wn VHP32ATNO1 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_NO12    | C2QQ9000 |
| AS8935G-904G50Wn | EMEA | Luxembourg     | LX.PDD0X.049 | AS8935G-904G50Wn VHP32ATLU3 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_IT41    | C2QQ9000 |
| AS8935G-904G50Wn | EMEA | Holland        | LX.PDD0X.044 | AS8935G-904G50Wn VHP32ATNL1 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_NL12    | C2QQ9000 |
| AS8935G-904G50Wn | EMEA | Belgium        | LX.PDD0X.048 | AS8935G-904G50Wn VHP32ATBE1 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_NL13    | C2QQ9000 |
| AS8935G-904G50Wn | EMEA | Germany        | LX.PDD0X.045 | AS8935G-904G50Wn VHP32ATDE1 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_DE13    | C2QQ9000 |
| AS8935G-904G50Wn | EMEA | France         | LX.PDD0X.046 | AS8935G-904G50Wn VHP32ATFR1 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FR23    | C2QQ9000 |
| AS8935G-904G50Wn | EMEA | Denmark        | LX.PDD0X.047 | AS8935G-904G50Wn VHP32ATDK2 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_ENS3    | C2QQ9000 |
| AS8935G-904G50Wn | EMEA | Denmark        | LX.PDD0X.043 | AS8935G-904G50Wn VHP32ATDK1 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_NO13    | C2QQ9000 |
| AS8935G-904G50Wn | EMEA | South Africa   | LX.PDD0X.040 | AS8935G-904G50Wn EM VHP32ATZA4 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_ENI1 | C2QQ9000 |
| AS8935G-904G50Wn | EMEA | Spain          | LX.PDD0X.016 | AS8935G-904G50Wn VHP32ATES1 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_ES22    | C2QQ9000 |
| AS8935G-904G50Wn | EMEA | Portugal       | LX.PDD0X.017 | AS8935G-904G50Wn VHP32ATPT1 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_PT12    | C2QQ9000 |
| AS8935G-904G50Wn | EMEA | Hungary        | LX.PDD0X.018 | AS8935G-904G50Wn VHP32ATHU1 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_HU13    | C2QQ9000 |
| AS8935G-904G50Wn | EMEA | Finland        | LX.PDD0X.019 | AS8935G-904G50Wn VHP32ATFI2 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FI11    | C2QQ9000 |
| AS8935G-904G50Wn | EMEA | Eastern Europe | LX.PDD0X.038 | AS8935G-904G50Wn VHP32ATEU5 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_RO12    | C2QQ9000 |
| AS8935G-904G50Wn | EMEA | Eastern Europe | LX.PDD0X.037 | AS8935G-904G50Wn VHP32ATEU3 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_RU23    | C2QQ9000 |
| AS8935G-904G50Wn | EMEA | Eastern Europe | LX.PDD0X.036 | AS8935G-904G50Wn VHP32ATEU5 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_PL13    | C2QQ9000 |
| AS8935G-904G50Wn | EMEA | Eastern Europe | LX.PDD0X.020 | AS8935G-904G50Wn VHP32ATEU4 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_SV22    | C2QQ9000 |

| Model            | RO   | Country        | Acer Part No | Description                                                                                   | CPU      |
|------------------|------|----------------|--------------|-----------------------------------------------------------------------------------------------|----------|
| AS8935G-904G50Wn | EMEA | Eastern Europe | LX.PDD0X.035 | AS8935G-904G50Wn VHP32ATEU7 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_ENR2    | C2QQ9000 |
| AS8935G-904G50Wn | EMEA | Eastern Europe | LX.PDD0X.021 | AS8935G-904G50Wn VHP32ATEU7 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_SL11    | C2QQ9000 |
| AS8935G-904G50Wn | EMEA | Czech          | LX.PDD0X.034 | AS8935G-904G50Wn VHP32ATCZ2 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_SK12    | C2QQ9000 |
| AS8935G-904G50Wn | EMEA | Sweden         | LX.PDD0X.022 | AS8935G-904G50Wn VHP32ATSE1 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FI13    | C2QQ9000 |
| AS8935G-904G50Wn | EMEA | Austria        | LX.PDD0X.033 | AS8935G-904G50Wn VHP32ATAT1 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_DE11    | C2QQ9000 |
| AS8935G-904G50Wi | EMEA | Russia         | LX.PDD0X.023 | AS8935G-904G50Wi VHP32ATRU1 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_abg_FP_1.0D_GEb_RU11   | C2QQ9000 |
| AS8935G-904G50Wn | EMEA | Norway         | LX.PDD0X.024 | AS8935G-904G50Wn VHP32ATNO3 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_ENS3    | C2QQ9000 |
| AS8935G-904G50Wn | EMEA | South Africa   | LX.PDD0X.041 | AS8935G-904G50Wn EM VHP32ATZA2 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EN16 | C2QQ9000 |
| AS8935G-904G50Wi | EMEA | Ukraine        | LX.PDD0X.031 | AS8935G-904G50Wi VHP32ATUK1 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_abg_FP_1.0D_GEb_RU11   | C2QQ9000 |
| AS8935G-904G50Wn | EMEA | Switzerland    | LX.PDD0X.029 | AS8935G-904G50Wn VHP32ATCH1 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_IT42    | C2QQ9000 |
| AS8935G-904G50Wn | EMEA | Middle East    | LX.PDD0X.026 | AS8935G-904G50Wn EM VHP32ATME3 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FR23 | C2QQ9000 |
| AS8935G-904G50Wn | EMEA | Middle East    | LX.PDD0X.027 | AS8935G-904G50Wn EM VHP32ATME2 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_AR23 | C2QQ9000 |
| AS8935G-904G50Wn | EMEA | Poland         | LX.PDD0X.028 | AS8935G-904G50Wn VHP32ATPL1 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_PL11    | C2QQ9000 |
| AS8935G-904G50Wn | EMEA | Greece         | LX.PDD0X.009 | AS8935G-904G50Wn VHP32ATGR1 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EL32    | C2QQ9000 |
| AS8935G-904G50Wn | EMEA | Middle East    | LX.PDD0X.008 | AS8935G-904G50Wn EM VHP32ATME4 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_RU61 | C2QQ9000 |
| AS8935G-904G50Wn | EMEA | Middle East    | LX.PDD0X.015 | AS8935G-904G50Wn EM VHP32ATME4 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EN11 | C2QQ9000 |
| AS8935G-904G50Wn | EMEA | Israel         | LX.PDD0X.010 | AS8935G-904G50Wn VHP32ATIL1 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_HE12    | C2QQ9000 |
| AS8935G-904G50Wn | EMEA | Middle East    | LX.PDD0X.012 | AS8935G-904G50Wn EM VHP32ATME9 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FR22 | C2QQ9000 |
| AS8935G-904G50Wn | EMEA | Middle East    | LX.PDD0X.013 | AS8935G-904G50Wn EM VHP32ATME6 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EN15 | C2QQ9000 |

| Model             | RO   | Country      | Acer Part No | Description                                                                                      | CPU      |
|-------------------|------|--------------|--------------|--------------------------------------------------------------------------------------------------|----------|
| AS8935G-904G50Wn  | EMEA | Middle East  | LX.PDD0X.014 | AS8935G-904G50Wn EM VHP32ATME2 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EN15    | C2QQ9000 |
| AS8935G-904G50Wn  | EMEA | Italy        | LX.PDD0X.011 | AS8935G-904G50Wn VHP32ATIT1 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_IT12       | C2QQ9000 |
| AS8935G-904G50Bn  | EMEA | Italy        | LX.PDD0X.006 | AS8935G-904G50Bn VHP32ATIT1 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/CBUL_n2_FP_1.0D_GEb_IT12          | C2QQ9000 |
| AS8935G-904G50Bn  | EMEA | Greece       | LX.PDD0X.005 | AS8935G-904G50Bn VHP32ATGR1 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/CBUL_n2_FP_1.0D_GEb_EL32          | C2QQ9000 |
| AS8935G-904G50Bn  | EMEA | Israel       | LX.PDD0X.004 | AS8935G-904G50Bn VHP32ATIL1 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/CBUL_n2_FP_1.0D_GEb_HE12          | C2QQ9000 |
| AS8935G-904G50Bn  | EMEA | UK           | LX.PDD0X.003 | AS8935G-904G50Bn VHP32ATGB1 MC M96XT1GBCFPbkQ 2*2G/500_L/BT/8L/CBUL_n2_FP_1.0D_GEb_EN14          | C2QQ9000 |
| AS8935G-9A4G64Wn  | AAP  | Japan        | LX.PDA0X.143 | AS8935G-9A4G64Wn VHP32APJP1 MC M96XT1GBCFPbk 2*2G/320+320/8L/5R/CBUL_n2_FP_1.0D_GEb_JA11_RB6F    | C2DT9550 |
| AS8935G-9A4G64Wn  | AAP  | Japan        | LX.PDA0X.144 | AS8935G-9A4G64Wn VHP32AJP1 MC M96XT1GBCFPbk 2*2G/320+320/8L/5R/CBUL_n2_FP_1.0D_GEb_JA11_RB6      | C2DT9550 |
| AS8935G-754G50Bn  | EMEA | South Africa | LX.PDA0X.139 | AS8935G-754G50Bn EM VHP32ATZA1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FR23     | C2DP7550 |
| AS8935G-754G50Bn  | EMEA | South Africa | LX.PDA0X.138 | AS8935G-754G50Bn EM VHP32ATZA4 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_ENI1     | C2DP7550 |
| AS8935G-744G100Bn | EMEA | Norway       | LX.PDA0X.141 | AS8935G-744G100Bn VHP32ATNO3 MC M96XT1GBCFPbk 2*2G/500_L+500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_ENS3 | C2DP7450 |
| AS8935G-744G100Bn | EMEA | Norway       | LX.PDA0X.142 | AS8935G-744G100Bn VHP32ATNO1 MC M96XT1GBCFPbk 2*2G/500_L+500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_NO12 | C2DP7450 |
| AS8935G-734G50Bn  | EMEA | France       | LX.PDA0X.140 | AS8935G-734G50Bn VHP32ATFR1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FR23        | C2DP7350 |
| AS8935G-754G50Bn  | EMEA | Czech        | LX.PDA0X.137 | AS8935G-754G50Bn VHP32ATCZ2 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_SK12        | C2DP7550 |
| AS8935G-754G50Bn  | EMEA | Denmark      | LX.PDA0X.128 | AS8935G-754G50Bn VHP32ATDK1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_NO13        | C2DP7550 |
| AS8935G-754G50Bn  | EMEA | Germany      | LX.PDA0X.131 | AS8935G-754G50Bn VHP32ATDE1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_DE13        | C2DP7550 |
| AS8935G-754G50Bn  | EMEA | Belgium      | LX.PDA0X.132 | AS8935G-754G50Bn VHP32ATBE1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_NL13        | C2DP7550 |
| AS8935G-754G50Bn  | EMEA | France       | LX.PDA0X.130 | AS8935G-754G50Bn VHP32ATFR1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FR23        | C2DP7550 |

| Model            | RO   | Country        | Acer Part No | Description                                                                                  | CPU      |
|------------------|------|----------------|--------------|----------------------------------------------------------------------------------------------|----------|
| AS8935G-754G50Bn | EMEA | Denmark        | LX.PDA0X.129 | AS8935G-754G50Bn VHP32ATDK2 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_ENS3    | C2DP7550 |
| AS8935G-754G50Bn | EMEA | Holland        | LX.PDA0X.133 | AS8935G-754G50Bn VHP32ATNL1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_NL12    | C2DP7550 |
| AS8935G-754G50Bn | EMEA | Norway         | LX.PDA0X.127 | AS8935G-754G50Bn VHP32ATNO1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_NO12    | C2DP7550 |
| AS8935G-754G50Bn | EMEA | Eastern Europe | LX.PDA0X.107 | AS8935G-754G50Bn VHP32ATEU3 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_RU23    | C2DP7550 |
| AS8935G-754G50Bn | EMEA | Eastern Europe | LX.PDA0X.106 | AS8935G-754G50Bn VHP32ATEU5 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_PL13    | C2DP7550 |
| AS8935G-754G50Bn | EMEA | Eastern Europe | LX.PDA0X.105 | AS8935G-754G50Bn VHP32ATEU4 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_SV22    | C2DP7550 |
| AS8935G-754G50Bn | EMEA | Eastern Europe | LX.PDA0X.123 | AS8935G-754G50Bn VHP32ATEU7 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_ENR2    | C2DP7550 |
| AS8935G-754G50Bn | EMEA | Eastern Europe | LX.PDA0X.124 | AS8935G-754G50Bn VHP32ATEU7 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_SL11    | C2DP7550 |
| AS8935G-754G50Bn | EMEA | Sweden         | LX.PDA0X.125 | AS8935G-754G50Bn VHP32ATSE1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FI13    | C2DP7550 |
| AS8935G-754G50Bn | EMEA | Austria        | LX.PDA0X.136 | AS8935G-754G50Bn VHP32ATAT1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_DE11    | C2DP7550 |
| AS8935G-754G50Bi | EMEA | Russia         | LX.PDA0X.126 | AS8935G-754G50Bi VHP32ATRU1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_abg_FP_1.0D_GEb_RU11   | C2DP7550 |
| AS8935G-754G50Bn | EMEA | Norway         | LX.PDA0X.135 | AS8935G-754G50Bn VHP32ATNO3 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_ENS3    | C2DP7550 |
| AS8935G-754G50Bn | EMEA | Middle East    | LX.PDA0X.116 | AS8935G-754G50Bn EM VHP32ATME9 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FR22 | C2DP7550 |
| AS8935G-754G50Bn | EMEA | Italy          | LX.PDA0X.115 | AS8935G-754G50Bn VHP32ATIT1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_IT12    | C2DP7550 |
| AS8935G-754G50Bn | EMEA | Israel         | LX.PDA0X.114 | AS8935G-754G50Bn VHP32ATIL1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_HE12    | C2DP7550 |
| AS8935G-754G50Bn | EMEA | Greece         | LX.PDA0X.113 | AS8935G-754G50Bn VHP32ATGR1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EL32    | C2DP7550 |
| AS8935G-754G50Bn | EMEA | Spain          | LX.PDA0X.112 | AS8935G-754G50Bn VHP32ATES1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_ES22    | C2DP7550 |
| AS8935G-754G50Bn | EMEA | Portugal       | LX.PDA0X.111 | AS8935G-754G50Bn VHP32ATPT1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_PT12    | C2DP7550 |
| AS8935G-754G50Bn | EMEA | Hungary        | LX.PDA0X.110 | AS8935G-754G50Bn VHP32ATHU1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_HU13    | C2DP7550 |

| Model            | RO   | Country        | Acer Part No | Description                                                                                  | CPU      |
|------------------|------|----------------|--------------|----------------------------------------------------------------------------------------------|----------|
| AS8935G-754G50Bn | EMEA | Finland        | LX.PDA0X.109 | AS8935G-754G50Bn VHP32ATFI2 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FI11    | C2DP7550 |
| AS8935G-754G50Bn | EMEA | Eastern Europe | LX.PDA0X.108 | AS8935G-754G50Bn VHP32ATEU5 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_RO12    | C2DP7550 |
| AS8935G-874G50Bn | EMEA | Luxembourg     | LX.PDA0X.087 | AS8935G-874G50Bn VHP32ATLU3 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_IT41    | C2DP8700 |
| AS8935G-874G50Bn | EMEA | Holland        | LX.PDA0X.088 | AS8935G-874G50Bn VHP32ATNL1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_NL12    | C2DP8700 |
| AS8935G-874G50Bn | EMEA | Belgium        | LX.PDA0X.091 | AS8935G-874G50Bn VHP32ATBE1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_NL13    | C2DP8700 |
| AS8935G-874G50Bn | EMEA | Germany        | LX.PDA0X.089 | AS8935G-874G50Bn VHP32ATDE1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_DE13    | C2DP8700 |
| AS8935G-874G50Bn | EMEA | France         | LX.PDA0X.090 | AS8935G-874G50Bn VHP32ATFR1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FR23    | C2DP8700 |
| AS8935G-874G50Bn | EMEA | Denmark        | LX.PDA0X.092 | AS8935G-874G50Bn VHP32ATDK2 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_ENS3    | C2DP8700 |
| AS8935G-874G50Bn | EMEA | Denmark        | LX.PDA0X.096 | AS8935G-874G50Bn VHP32ATDK1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_NO13    | C2DP8700 |
| AS8935G-874G50Bn | EMEA | South Africa   | LX.PDA0X.093 | AS8935G-874G50Bn EM VHP32ATZA4 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_ENI1 | C2DP8700 |
| AS8935G-874G50Bn | EMEA | South Africa   | LX.PDA0X.095 | AS8935G-874G50Bn EM VHP32ATZA1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FR23 | C2DP8700 |
| AS8935G-874G50Bn | EMEA | South Africa   | LX.PDA0X.094 | AS8935G-874G50Bn EM VHP32ATZA2 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EN16 | C2DP8700 |
| AS8935G-754G50Bn | EMEA | UK             | LX.PDA0X.097 | AS8935G-754G50Bn VHP32ATGB1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EN14    | C2DP7550 |
| AS8935G-754G50Bi | EMEA | Ukraine        | LX.PDA0X.099 | AS8935G-754G50Bi VHP32ATUK1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_abg_FP_1.0D_GEb_RU11   | C2DP7550 |
| AS8935G-754G50Bn | EMEA | Turkey         | LX.PDA0X.098 | AS8935G-754G50Bn EM VHP32ATTR1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_TR33 | C2DP7550 |
| AS8935G-754G50Bn | EMEA | Switzerland    | LX.PDA0X.101 | AS8935G-754G50Bn VHP32ATCH1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_IT42    | C2DP7550 |
| AS8935G-754G50Bn | EMEA | South Africa   | LX.PDA0X.122 | AS8935G-754G50Bn EM VHP32ATZA2 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EN16 | C2DP7550 |
| AS8935G-754G50Bn | EMEA | Poland         | LX.PDA0X.121 | AS8935G-754G50Bn VHP32ATPL1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_PL11    | C2DP7550 |
| AS8935G-754G50Bn | EMEA | Middle East    | LX.PDA0X.102 | AS8935G-754G50Bn EM VHP32ATME2 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_AR23 | C2DP7550 |

| Model            | RO   | Country        | Acer Part No | Description                                                                                  | CPU      |
|------------------|------|----------------|--------------|----------------------------------------------------------------------------------------------|----------|
| AS8935G-754G50Bn | EMEA | Middle East    | LX.PDA0X.120 | AS8935G-754G50Bn EM VHP32ATME3 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FR23 | C2DP7550 |
| AS8935G-754G50Bn | EMEA | Middle East    | LX.PDA0X.103 | AS8935G-754G50Bn EM VHP32ATME2 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_AR13 | C2DP7550 |
| AS8935G-754G50Bn | EMEA | Middle East    | LX.PDA0X.119 | AS8935G-754G50Bn EM VHP32ATME4 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_RU61 | C2DP7550 |
| AS8935G-754G50Bn | EMEA | Middle East    | LX.PDA0X.104 | AS8935G-754G50Bn EM VHP32ATME4 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EN11 | C2DP7550 |
| AS8935G-754G50Bn | EMEA | Middle East    | LX.PDA0X.118 | AS8935G-754G50Bn EM VHP32ATME2 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EN15 | C2DP7550 |
| AS8935G-754G50Bn | EMEA | Middle East    | LX.PDA0X.117 | AS8935G-754G50Bn EM VHP32ATME6 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EN15 | C2DP7550 |
| AS8935G-754G50Bn | EMEA | Luxembourg     | LX.PDA0X.134 | AS8935G-754G50Bn VHP32ATLU3 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_IT41    | C2DP7550 |
| AS8935G-874G50Bn | EMEA | Norway         | LX.PDA0X.083 | AS8935G-874G50Bn VHP32ATNO1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_NO12    | C2DP8700 |
| AS8935G-874G50Bn | EMEA | Russia         | LX.PDA0X.085 | AS8935G-874G50Bn VHP32ATRU1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_RU11    | C2DP8700 |
| AS8935G-874G50Bn | EMEA | Czech          | LX.PDA0X.080 | AS8935G-874G50Bn VHP32ATCZ2 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_SK12    | C2DP8700 |
| AS8935G-874G50Bn | EMEA | Sweden         | LX.PDA0X.082 | AS8935G-874G50Bn VHP32ATSE1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FI13    | C2DP8700 |
| AS8935G-874G50Bn | EMEA | Austria        | LX.PDA0X.086 | AS8935G-874G50Bn VHP32ATAT1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_DE11    | C2DP8700 |
| AS8935G-874G50Bn | EMEA | Norway         | LX.PDA0X.084 | AS8935G-874G50Bn VHP32ATNO3 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_ENS3    | C2DP8700 |
| AS8935G-874G50Bn | EMEA | Eastern Europe | LX.PDA0X.079 | AS8935G-874G50Bn VHP32ATEU7 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_SL11    | C2DP8700 |
| AS8935G-874G50Bn | EMEA | Eastern Europe | LX.PDA0X.077 | AS8935G-874G50Bn VHP32ATEU5 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_PL13    | C2DP8700 |
| AS8935G-874G50Bn | EMEA | Eastern Europe | LX.PDA0X.078 | AS8935G-874G50Bn VHP32ATEU4 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_SV22    | C2DP8700 |
| AS8935G-874G50Bn | EMEA | Eastern Europe | LX.PDA0X.081 | AS8935G-874G50Bn VHP32ATEU7 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_ENR2    | C2DP8700 |
| AS8935G-874G50Bn | EMEA | Eastern Europe | LX.PDA0X.073 | AS8935G-874G50Bn VHP32ATEU3 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_RU23    | C2DP8700 |
| AS8935G-874G50Bn | EMEA | Eastern Europe | LX.PDA0X.074 | AS8935G-874G50Bn VHP32ATEU5 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_RO12    | C2DP8700 |

| Model            | RO    | Country     | Acer Part No | Description                                                                                  | CPU      |
|------------------|-------|-------------|--------------|----------------------------------------------------------------------------------------------|----------|
| AS8935G-874G50Bn | EMEA  | Hungary     | LX.PDA0X.076 | AS8935G-874G50Bn VHP32ATHU1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_HU13    | C2DP8700 |
| AS8935G-874G50Bn | EMEA  | Finland     | LX.PDA0X.075 | AS8935G-874G50Bn VHP32ATFI2 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FI11    | C2DP8700 |
| AS8935G-874G50Bn | EMEA  | Portugal    | LX.PDA0X.072 | AS8935G-874G50Bn VHP32ATPT1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_PT12    | C2DP8700 |
| AS8935G-874G50Bn | EMEA  | Middle East | LX.PDA0X.067 | AS8935G-874G50Bn EM VHP32ATME6 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EN15 | C2DP8700 |
| AS8935G-874G50Bn | EMEA  | Middle East | LX.PDA0X.068 | AS8935G-874G50Bn EM VHP32ATME9 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FR22 | C2DP8700 |
| AS8935G-874G50Bn | EMEA  | Israel      | LX.PDA0X.071 | AS8935G-874G50Bn VHP32ATIL1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_HE12    | C2DP8700 |
| AS8935G-874G50Bn | EMEA  | Greece      | LX.PDA0X.069 | AS8935G-874G50Bn VHP32ATGR1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EL32    | C2DP8700 |
| AS8935G-874G50Bn | EMEA  | Spain       | LX.PDA0X.070 | AS8935G-874G50Bn VHP32ATES1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_ES22    | C2DP8700 |
| AS8935G-874G50Bn | EMEA  | Middle East | LX.PDA0X.063 | AS8935G-874G50Bn EM VHP32ATME2 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EN15 | C2DP8700 |
| AS8935G-874G50Bn | EMEA  | Middle East | LX.PDA0X.064 | AS8935G-874G50Bn EM VHP32ATME4 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EN11 | C2DP8700 |
| AS8935G-874G50Bn | EMEA  | Middle East | LX.PDA0X.065 | AS8935G-874G50Bn EM VHP32ATME4 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_RU61 | C2DP8700 |
| AS8935G-874G50Bn | EMEA  | Ukraine     | LX.PDA0X.057 | AS8935G-874G50Bn VHP32ATUK1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_RU11    | C2DP8700 |
| AS8935G-874G50Bn | EMEA  | Turkey      | LX.PDA0X.058 | AS8935G-874G50Bn EM VHP32ATTR1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_TR33 | C2DP8700 |
| AS8935G-874G50Bn | EMEA  | Switzerland | LX.PDA0X.061 | AS8935G-874G50Bn VHP32ATCH1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_IT42    | C2DP8700 |
| AS8935G-874G50Bn | EMEA  | Poland      | LX.PDA0X.059 | AS8935G-874G50Bn VHP32ATPL1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_PL11    | C2DP8700 |
| AS8935G-874G50Bn | EMEA  | Middle East | LX.PDA0X.060 | AS8935G-874G50Bn EM VHP32ATME2 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_AR23 | C2DP8700 |
| AS8935G-874G50Bn | EMEA  | Middle East | LX.PDA0X.062 | AS8935G-874G50Bn EM VHP32ATME3 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FR23 | C2DP8700 |
| AS8935G-874G50Bn | EMEA  | Middle East | LX.PDA0X.066 | AS8935G-874G50Bn EM VHP32ATME2 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_AR13 | C2DP8700 |
| AS8935G-964G64Wn | CHINA | Hong Kong   | LX.PDA0X.056 | AS8935G-964G64Wn VHP32ATHK2 MC M96XT1GBCFPbk 2*2G/320+320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_ZH31  | C2DT9600 |

| Model             | RO   | Country     | Acer Part No | Description                                                                                      | CPU      |
|-------------------|------|-------------|--------------|--------------------------------------------------------------------------------------------------|----------|
| AS8935G-874G50Bn  | EMEA | Italy       | LX.PDA0X.054 | AS8935G-874G50Bn VHP32ATIT1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_IT12        | C2DP8700 |
| AS8935G-734G50Bn  | EMEA | Italy       | LX.PDA0X.055 | AS8935G-734G50Bn VHP32ATIT1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_IT12        | C2DP7350 |
| AS8935G-644G50Bn  | EMEA | France      | LX.PDA0X.053 | AS8935G-644G50Bn VHP32ATFR1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FR23        | C2DT6400 |
| AS8935G-954G50Wn  | AAP  | Philippines | LX.PDA0U.002 | AS8935G-954G50Wn VUT32ATPH1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EN13        | C2DP9500 |
| AS8935G-954G64Wn  | AAP  | Philippines | LX.PDA0U.001 | AS8935G-954G64Wn VUT32ATPH1 MC M96XT1GBCFPbk 2*2G/320+320/8L/5R/CBUL_n2_FP_1.0D_GEb_EN13         | C2DP9500 |
| AS8935G-874G50Bn  | EMEA | UK          | LX.PDA0X.001 | AS8935G-874G50Bn VHP32ATGB1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EN14        | C2DP8700 |
| AS8935G-874G50Bn  | PA   | Canada      | LX.PDA0X.049 | AS8935G-874G50Bn VHP64ATCA2 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FR31        | C2DP8700 |
| AS8935G-874G50Mn  | EMEA | Israel      | LX.PDA0X.003 | AS8935G-874G50Mn VHP32ATIL1 MC M96XT1GBCFPbk 2*2G/500_L/8L/5R/CBUL_n2_FP_1.0D_GEb_HE12           | C2DP8700 |
| AS8935G-874G50Mn  | EMEA | Greece      | LX.PDA0X.004 | AS8935G-874G50Mn VHP32ATGR1 MC M96XT1GBCFPbk 2*2G/500_L/8L/5R/CBUL_n2_FP_1.0D_GEb_EL32           | C2DP8700 |
| AS8935G-874G50Mn  | EMEA | Italy       | LX.PDA0X.002 | AS8935G-874G50Mn VHP32ATIT1 MC M96XT1GBCFPbk 2*2G/500_L/8L/5R/CBUL_n2_FP_1.0D_GEb_IT12           | C2DP8700 |
| AS8935G-644G32Bn  | PA   | Canada      | LX.PDA0X.048 | AS8935G-644G32Bn VHP64ATCA2 MC M96XT1GBCFPbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FR31          | C2DT6400 |
| AS8935G-9A4G100Mn | TWN  | GCTWN       | LX.PDA0X.005 | AS8935G-9A4G100Mn VHP32ATTW1 MC M96XT1GBCFPbk 2*2G/500_L+500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_TC11 | C2DT9550 |
| AS8935G-9A4G100Bn | TWN  | GCTWN       | LX.PDA0X.052 | AS8935G-9A4G100Bn VHP32ATTW1 MC M96XT1GBCFPbk 2*2G/500_L+500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_TC11 | C2DT9550 |
| AS8935G-964G57Wn  | AAP  | Japan       | LX.PDA0X.050 | AS8935G-964G57Wn VHP32APJP1 MC M96XT1GBCFPbk 2*2G/320+250/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_JA11_T57F | C2DT9600 |
| AS8935G-964G57Wn  | AAP  | Japan       | LX.PDA0X.051 | AS8935G-964G57Wn VHP32AJP1 MC M96XT1GBCFPbk 2*2G/320+250/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_JA11_T57   | C2DT9600 |
| AS8935G-744G50Bn  | EMEA | Luxembourg  | LX.PDA0X.040 | AS8935G-744G50Bn VHP32ATLU3 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_IT41        | C2DP7450 |
| AS8935G-744G50Bn  | EMEA | Norway      | LX.PDA0X.042 | AS8935G-744G50Bn VHP32ATNO3 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_ENS3        | C2DP7450 |
| AS8935G-744G50Bn  | EMEA | Austria     | LX.PDA0X.032 | AS8935G-744G50Bn VHP32ATAT1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_DE11        | C2DP7450 |

| Model            | RO   | Country        | Acer Part No | Description                                                                                  | CPU      |
|------------------|------|----------------|--------------|----------------------------------------------------------------------------------------------|----------|
| AS8935G-744G50Bn | EMEA | Czech          | LX.PDA0X.034 | AS8935G-744G50Bn VHP32ATCZ2 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_SK12    | C2DP7450 |
| AS8935G-744G50Bn | EMEA | Eastern Europe | LX.PDA0X.036 | AS8935G-744G50Bn VHP32ATEU7 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_ENR2    | C2DP7450 |
| AS8935G-744G50Bn | EMEA | Greece         | LX.PDA0X.045 | AS8935G-744G50Bn VHP32ATGR1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EL32    | C2DP7450 |
| AS8935G-744G50Bn | EMEA | Spain          | LX.PDA0X.028 | AS8935G-744G50Bn VHP32ATES1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_ES22    | C2DP7450 |
| AS8935G-744G50Bn | EMEA | Portugal       | LX.PDA0X.044 | AS8935G-744G50Bn VHP32ATPT1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_PT12    | C2DP7450 |
| AS8935G-744G50Bn | EMEA | Hungary        | LX.PDA0X.029 | AS8935G-744G50Bn VHP32ATHU1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_HU13    | C2DP7450 |
| AS8935G-744G50Bn | EMEA | Finland        | LX.PDA0X.043 | AS8935G-744G50Bn VHP32ATFI2 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FI11    | C2DP7450 |
| AS8935G-744G50Bn | EMEA | Eastern Europe | LX.PDA0X.030 | AS8935G-744G50Bn VHP32ATEU5 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_RO12    | C2DP7450 |
| AS8935G-744G50Bn | EMEA | Eastern Europe | LX.PDA0X.039 | AS8935G-744G50Bn VHP32ATEU3 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_RU23    | C2DP7450 |
| AS8935G-744G50Bn | EMEA | Eastern Europe | LX.PDA0X.038 | AS8935G-744G50Bn VHP32ATEU5 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_PL13    | C2DP7450 |
| AS8935G-744G50Bn | EMEA | Eastern Europe | LX.PDA0X.037 | AS8935G-744G50Bn VHP32ATEU4 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_SV22    | C2DP7450 |
| AS8935G-744G50Bn | EMEA | Switzerland    | LX.PDA0X.047 | AS8935G-744G50Bn VHP32ATCH1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_IT42    | C2DP7450 |
| AS8935G-744G50Bn | EMEA | Middle East    | LX.PDA0X.046 | AS8935G-744G50Bn EM VHP32ATME3 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FR23 | C2DP7450 |
| AS8935G-744G50Bn | EMEA | Israel         | LX.PDA0X.027 | AS8935G-744G50Bn VHP32ATIL1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_HE12    | C2DP7450 |
| AS8935G-744G50Bn | EMEA | Eastern Europe | LX.PDA0X.035 | AS8935G-744G50Bn VHP32ATEU7 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_SL11    | C2DP7450 |
| AS8935G-744G50Bn | EMEA | Sweden         | LX.PDA0X.033 | AS8935G-744G50Bn VHP32ATSE1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FI13    | C2DP7450 |
| AS8935G-744G50Bi | EMEA | Russia         | LX.PDA0X.031 | AS8935G-744G50Bi VHP32ATRU1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_abg_FP_1.0D_GEb_RU11   | C2DP7450 |
| AS8935G-744G50Bn | EMEA | Norway         | LX.PDA0X.041 | AS8935G-744G50Bn VHP32ATNO1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_NO12    | C2DP7450 |
| AS8935G-744G50Bn | EMEA | Middle East    | LX.PDA0X.026 | AS8935G-744G50Bn EM VHP32ATME2 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_AR23 | C2DP7450 |

| Model            | RO   | Country      | Acer Part No | Description                                                                                  | CPU      |
|------------------|------|--------------|--------------|----------------------------------------------------------------------------------------------|----------|
| AS8935G-744G50Bi | EMEA | Ukraine      | LX.PDA0X.025 | AS8935G-744G50Bi VHP32ATUK1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_abg_FP_1.0D_GEb_RU11   | C2DP7450 |
| AS8935G-744G50Bn | EMEA | South Africa | LX.PDA0X.024 | AS8935G-744G50Bn EM VHP32ATZA2 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EN16 | C2DP7450 |
| AS8935G-744G50Bn | EMEA | South Africa | LX.PDA0X.023 | AS8935G-744G50Bn EM VHP32ATZA1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FR23 | C2DP7450 |
| AS8935G-744G50Bn | EMEA | South Africa | LX.PDA0X.022 | AS8935G-744G50Bn EM VHP32ATZA4 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EN11 | C2DP7450 |
| AS8935G-744G50Bn | EMEA | Italy        | LX.PDA0X.015 | AS8935G-744G50Bn VHP32ATIT1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_IT12    | C2DP7450 |
| AS8935G-744G50Bn | EMEA | Middle East  | LX.PDA0X.019 | AS8935G-744G50Bn EM VHP32ATME4 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EN11 | C2DP7450 |
| AS8935G-744G50Bn | EMEA | Middle East  | LX.PDA0X.021 | AS8935G-744G50Bn EM VHP32ATME2 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_AR13 | C2DP7450 |
| AS8935G-744G50Bn | EMEA | Poland       | LX.PDA0X.014 | AS8935G-744G50Bn VHP32ATPL1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_PL11    | C2DP7450 |
| AS8935G-744G50Bn | EMEA | Middle East  | LX.PDA0X.020 | AS8935G-744G50Bn EM VHP32ATME4 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_RU61 | C2DP7450 |
| AS8935G-744G50Bn | EMEA | Middle East  | LX.PDA0X.018 | AS8935G-744G50Bn EM VHP32ATME2 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EN15 | C2DP7450 |
| AS8935G-744G50Bn | EMEA | Middle East  | LX.PDA0X.016 | AS8935G-744G50Bn EM VHP32ATME9 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FR22 | C2DP7450 |
| AS8935G-744G50Bn | EMEA | Middle East  | LX.PDA0X.017 | AS8935G-744G50Bn EM VHP32ATME6 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EN15 | C2DP7450 |
| AS8935G-744G50Bn | EMEA | Turkey       | LX.PDA0X.013 | AS8935G-744G50Bn EM VHP32ATTR1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_TR33 | C2DP7450 |
| AS8935G-744G50Bn | EMEA | France       | LX.PDA0X.009 | AS8935G-744G50Bn VHP32ATFR1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FR23    | C2DP7450 |
| AS8935G-744G50Bn | EMEA | Belgium      | LX.PDA0X.007 | AS8935G-744G50Bn VHP32ATBE1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_NL13    | C2DP7450 |
| AS8935G-744G50Bn | EMEA | Holland      | LX.PDA0X.006 | AS8935G-744G50Bn VHP32ATNL1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_NL12    | C2DP7450 |
| AS8935G-744G50Bn | EMEA | Germany      | LX.PDA0X.008 | AS8935G-744G50Bn VHP32ATDE1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_DE13    | C2DP7450 |
| AS8935G-744G50Bn | EMEA | Denmark      | LX.PDA0X.010 | AS8935G-744G50Bn VHP32ATDK2 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_ENS3    | C2DP7450 |
| AS8935G-744G50Bn | EMEA | UK           | LX.PDA0X.012 | AS8935G-744G50Bn VHP32ATGB1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EN14    | C2DP7450 |

| Model            | RO   | Country        | Acer Part No | Description                                                                               | CPU      |
|------------------|------|----------------|--------------|-------------------------------------------------------------------------------------------|----------|
| AS8935G-744G50Bn | EMEA | Denmark        | LX.PDA0X.011 | AS8935G-744G50Bn VHP32ATDK1 MC M96XT1GBCFPbk 2*2G/500_L/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_NO13 | C2DP7450 |
| AS8935G-654G32Mn | EMEA | Italy          | LX.PDB0X.085 | AS8935G-654G32Mn VHP32ATIT1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_IT12    | C2DT6500 |
| AS8935G-654G32Mn | EMEA | South Africa   | LX.PDB0X.084 | AS8935G-654G32Mn EM VHP32ATZA2 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EN16 | C2DT6500 |
| AS8935G-654G32Mn | EMEA | South Africa   | LX.PDB0X.083 | AS8935G-654G32Mn EM VHP32ATZA1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FR23 | C2DT6500 |
| AS8935G-654G32Mn | EMEA | South Africa   | LX.PDB0X.079 | AS8935G-654G32Mn EM VHP32ATZA4 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_ENI1 | C2DT6500 |
| AS8935G-654G32Mn | EMEA | Norway         | LX.PDB0X.073 | AS8935G-654G32Mn VHP32ATNO3 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_ENS3    | C2DT6500 |
| AS8935G-654G32Mn | EMEA | Norway         | LX.PDB0X.074 | AS8935G-654G32Mn VHP32ATNO1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_NO12    | C2DT6500 |
| AS8935G-654G32Mn | EMEA | Luxembourg     | LX.PDB0X.075 | AS8935G-654G32Mn VHP32ATLU3 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_IT41    | C2DT6500 |
| AS8935G-654G32Mn | EMEA | Holland        | LX.PDB0X.078 | AS8935G-654G32Mn VHP32ATNL1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_NL12    | C2DT6500 |
| AS8935G-654G32Mn | EMEA | Denmark        | LX.PDB0X.080 | AS8935G-654G32Mn VHP32ATDK1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_NO13    | C2DT6500 |
| AS8935G-654G32Mn | EMEA | Denmark        | LX.PDB0X.081 | AS8935G-654G32Mn VHP32ATDK2 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_ENS3    | C2DT6500 |
| AS8935G-654G32Mn | EMEA | France         | LX.PDB0X.082 | AS8935G-654G32Mn VHP32ATFR1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FR23    | C2DT6500 |
| AS8935G-654G32Mn | EMEA | Belgium        | LX.PDB0X.077 | AS8935G-654G32Mn VHP32ATBE1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_NL13    | C2DT6500 |
| AS8935G-654G32Mn | EMEA | Germany        | LX.PDB0X.076 | AS8935G-654G32Mn VHP32ATDE1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_DE13    | C2DT6500 |
| AS8935G-654G32Mi | EMEA | Russia         | LX.PDB0X.069 | AS8935G-654G32Mi VHP32ATRU1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_abg_FP_1.0D_GEb_RU11   | C2DT6500 |
| AS8935G-654G32Mn | EMEA | Austria        | LX.PDB0X.070 | AS8935G-654G32Mn VHP32ATAT1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_DE11    | C2DT6500 |
| AS8935G-654G32Mn | EMEA | Czech          | LX.PDB0X.072 | AS8935G-654G32Mn VHP32ATCZ2 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_SK12    | C2DT6500 |
| AS8935G-654G32Mn | EMEA | Eastern Europe | LX.PDB0X.067 | AS8935G-654G32Mn VHP32ATEU7 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_ENR2    | C2DT6500 |
| AS8935G-654G32Mn | EMEA | Eastern Europe | LX.PDB0X.065 | AS8935G-654G32Mn VHP32ATEU5 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_PL13    | C2DT6500 |

| Model            | RO   | Country        | Acer Part No | Description                                                                               | CPU      |
|------------------|------|----------------|--------------|-------------------------------------------------------------------------------------------|----------|
| AS8935G-654G32Mn | EMEA | Eastern Europe | LX.PDB0X.063 | AS8935G-654G32Mn VHP32ATEU5 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_RO12    | C2DT6500 |
| AS8935G-654G32Mn | EMEA | Eastern Europe | LX.PDB0X.064 | AS8935G-654G32Mn VHP32ATEU3 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_RU23    | C2DT6500 |
| AS8935G-654G32Mn | EMEA | Eastern Europe | LX.PDB0X.068 | AS8935G-654G32Mn VHP32ATEU4 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_SV22    | C2DT6500 |
| AS8935G-654G32Mn | EMEA | Eastern Europe | LX.PDB0X.066 | AS8935G-654G32Mn VHP32ATEU7 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_SL11    | C2DT6500 |
| AS8935G-654G32Mn | EMEA | Sweden         | LX.PDB0X.071 | AS8935G-654G32Mn VHP32ATSE1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FI13    | C2DT6500 |
| AS8935G-654G32Mn | EMEA | Finland        | LX.PDB0X.059 | AS8935G-654G32Mn VHP32ATFI2 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FI11    | C2DT6500 |
| AS8935G-654G32Mn | EMEA | Spain          | LX.PDB0X.062 | AS8935G-654G32Mn VHP32ATES1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_ES22    | C2DT6500 |
| AS8935G-654G32Mn | EMEA | Italy          | LX.PDB0X.057 | AS8935G-654G32Mn VHP32ATIT1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_IT12    | C2DT6500 |
| AS8935G-654G32Mn | EMEA | Middle East    | LX.PDB0X.055 | AS8935G-654G32Mn EM VHP32ATME6 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EN15 | C2DT6500 |
| AS8935G-654G32Mn | EMEA | Middle East    | LX.PDB0X.053 | AS8935G-654G32Mn EM VHP32ATME4 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EN11 | C2DT6500 |
| AS8935G-654G32Mn | EMEA | Middle East    | LX.PDB0X.054 | AS8935G-654G32Mn EM VHP32ATME2 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EN15 | C2DT6500 |
| AS8935G-654G32Mn | EMEA | Middle East    | LX.PDB0X.058 | AS8935G-654G32Mn EM VHP32ATME9 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FR22 | C2DT6500 |
| AS8935G-654G32Mn | EMEA | Greece         | LX.PDB0X.056 | AS8935G-654G32Mn VHP32ATGR1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EL32    | C2DT6500 |
| AS8935G-654G32Mn | EMEA | Portugal       | LX.PDB0X.061 | AS8935G-654G32Mn VHP32ATPT1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_PT12    | C2DT6500 |
| AS8935G-654G32Mn | EMEA | Hungary        | LX.PDB0X.060 | AS8935G-654G32Mn VHP32ATHU1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_HU13    | C2DT6500 |
| AS8935G-654G32Mn | EMEA | Middle East    | LX.PDB0X.049 | AS8935G-654G32Mn EM VHP32ATME4 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_RU61 | C2DT6500 |
| AS8935G-654G32Mn | EMEA | Poland         | LX.PDB0X.046 | AS8935G-654G32Mn VHP32ATPL1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_PL11    | C2DT6500 |
| AS8935G-654G32Mn | EMEA | Turkey         | LX.PDB0X.045 | AS8935G-654G32Mn EM VHP32ATTR1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_TR33 | C2DT6500 |
| AS8935G-654G32Mn | EMEA | UK             | LX.PDB0X.043 | AS8935G-654G32Mn VHP32ATGB1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EN14    | C2DT6500 |

| Model            | RO   | Country        | Acer Part No | Description                                                                               | CPU      |
|------------------|------|----------------|--------------|-------------------------------------------------------------------------------------------|----------|
| AS8935G-654G32Mi | EMEA | Ukraine        | LX.PDB0X.044 | AS8935G-654G32Mi VHP32ATUK1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_RU11    | C2DT6500 |
| AS8935G-654G32Mn | EMEA | Switzerland    | LX.PDB0X.047 | AS8935G-654G32Mn VHP32ATCH1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_IT42    | C2DT6500 |
| AS8935G-654G32Mn | EMEA | Middle East    | LX.PDB0X.048 | AS8935G-654G32Mn EM VHP32ATME2 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_AR23 | C2DT6500 |
| AS8935G-654G32Mn | EMEA | Middle East    | LX.PDB0X.050 | AS8935G-654G32Mn EM VHP32ATME2 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_AR13 | C2DT6500 |
| AS8935G-654G32Mn | EMEA | Israel         | LX.PDB0X.051 | AS8935G-654G32Mn VHP32ATIL1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_HE12    | C2DT6500 |
| AS8935G-654G32Mn | EMEA | Middle East    | LX.PDB0X.052 | AS8935G-654G32Mn EM VHP32ATME3 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FR23 | C2DT6500 |
| AS8935G-644G32Mn | EMEA | South Africa   | LX.PDB0X.042 | AS8935G-644G32Mn EM VHP32ATZA2 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EN16 | C2DT6400 |
| AS8935G-644G32Mn | EMEA | France         | LX.PDB0X.037 | AS8935G-644G32Mn VHP32ATFR1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FR23    | C2DT6400 |
| AS8935G-644G32Mn | EMEA | Belgium        | LX.PDB0X.035 | AS8935G-644G32Mn VHP32ATBE1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_NL13    | C2DT6400 |
| AS8935G-644G32Mn | EMEA | Holland        | LX.PDB0X.034 | AS8935G-644G32Mn VHP32ATNL1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_NL12    | C2DT6400 |
| AS8935G-644G32Mn | EMEA | Germany        | LX.PDB0X.036 | AS8935G-644G32Mn VHP32ATDE1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_DE13    | C2DT6400 |
| AS8935G-644G32Mn | EMEA | Denmark        | LX.PDB0X.038 | AS8935G-644G32Mn VHP32ATDK2 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_ENS3    | C2DT6400 |
| AS8935G-644G32Mn | EMEA | South Africa   | LX.PDB0X.041 | AS8935G-644G32Mn EM VHP32ATZA1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FR23 | C2DT6400 |
| AS8935G-644G32Mn | EMEA | South Africa   | LX.PDB0X.040 | AS8935G-644G32Mn EM VHP32ATZA4 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_ENI1 | C2DT6400 |
| AS8935G-644G32Mn | EMEA | Denmark        | LX.PDB0X.039 | AS8935G-644G32Mn VHP32ATDK1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_NO13    | C2DT6400 |
| AS8935G-644G32Mn | EMEA | Sweden         | LX.PDB0X.024 | AS8935G-644G32Mn VHP32ATSE1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FI13    | C2DT6400 |
| AS8935G-644G32Mn | EMEA | Eastern Europe | LX.PDB0X.029 | AS8935G-644G32Mn VHP32ATEU5 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_PL13    | C2DT6400 |
| AS8935G-644G32Mn | EMEA | Eastern Europe | LX.PDB0X.031 | AS8935G-644G32Mn VHP32ATEU5 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_RO12    | C2DT6400 |
| AS8935G-644G32Mn | EMEA | Italy          | LX.PDB0X.001 | AS8935G-644G32Mn VHP32ATIT1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_IT12    | C2DT6400 |

| Model            | RO   | Country     | Acer Part No | Description                                                                               | CPU      |
|------------------|------|-------------|--------------|-------------------------------------------------------------------------------------------|----------|
| AS8935G-644G32Mn | EMEA | Middle East | LX.PDB0X.002 | AS8935G-644G32Mn EM VHP32ATME2 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_AR23 | C2DT6400 |
| AS8935G-644G32Mn | EMEA | UK          | LX.PDB0X.003 | AS8935G-644G32Mn VHP32ATGB1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EN14    | C2DT6400 |
| AS8935G-644G32Mi | EMEA | Ukraine     | LX.PDB0X.004 | AS8935G-644G32Mi VHP32ATUK1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_abg_FP_1.0D_GEb_RU11   | C2DT6400 |
| AS8935G-644G32Mn | EMEA | Turkey      | LX.PDB0X.005 | AS8935G-644G32Mn EM VHP32ATTR1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_TR33 | C2DT6400 |
| AS8935G-644G32Mn | EMEA | Switzerland | LX.PDB0X.006 | AS8935G-644G32Mn VHP32ATCH1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_IT42    | C2DT6400 |
| AS8935G-644G32Mn | EMEA | Poland      | LX.PDB0X.007 | AS8935G-644G32Mn VHP32ATPL1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_PL11    | C2DT6400 |
| AS8935G-644G32Mn | EMEA | Middle East | LX.PDB0X.008 | AS8935G-644G32Mn EM VHP32ATME3 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FR23 | C2DT6400 |
| AS8935G-644G32Mn | EMEA | Middle East | LX.PDB0X.009 | AS8935G-644G32Mn EM VHP32ATME2 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_AR13 | C2DT6400 |
| AS8935G-644G32Mn | EMEA | Middle East | LX.PDB0X.016 | AS8935G-644G32Mn EM VHP32ATME4 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_RU61 | C2DT6400 |
| AS8935G-644G32Mn | EMEA | Middle East | LX.PDB0X.017 | AS8935G-644G32Mn EM VHP32ATME4 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EN11 | C2DT6400 |
| AS8935G-644G32Mn | EMEA | Middle East | LX.PDB0X.018 | AS8935G-644G32Mn EM VHP32ATME2 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EN15 | C2DT6400 |
| AS8935G-644G32Mn | EMEA | Middle East | LX.PDB0X.019 | AS8935G-644G32Mn EM VHP32ATME6 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EN15 | C2DT6400 |
| AS8935G-644G32Mn | EMEA | Middle East | LX.PDB0X.020 | AS8935G-644G32Mn EM VHP32ATME9 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FR22 | C2DT6400 |
| AS8935G-644G32Mn | EMEA | Norway      | LX.PDB0X.023 | AS8935G-644G32Mn VHP32ATNO3 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_ENS3    | C2DT6400 |
| AS8935G-644G32Mn | EMEA | Norway      | LX.PDB0X.032 | AS8935G-644G32Mn VHP32ATNO1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_NO12    | C2DT6400 |
| AS8935G-644G32Mn | EMEA | Luxembourg  | LX.PDB0X.033 | AS8935G-644G32Mn VHP32ATLU3 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_IT41    | C2DT6400 |
| AS8935G-644G32Mn | EMEA | Israel      | LX.PDB0X.015 | AS8935G-644G32Mn VHP32ATIL1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_HE12    | C2DT6400 |
| AS8935G-644G32Mn | EMEA | Greece      | LX.PDB0X.014 | AS8935G-644G32Mn VHP32ATGR1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_EL32    | C2DT6400 |
| AS8935G-644G32Mn | EMEA | Spain       | LX.PDB0X.013 | AS8935G-644G32Mn VHP32ATES1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_ES22    | C2DT6400 |

| Model             | RO   | Country        | Acer Part No | Description                                                                                                   | CPU      |
|-------------------|------|----------------|--------------|---------------------------------------------------------------------------------------------------------------|----------|
| AS8935G-644G32Mn  | EMEA | Portugal       | LX.PDB0X.012 | AS8935G-644G32Mn VHP32ATPT1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_PT12                        | C2DT6400 |
| AS8935G-644G32Mn  | EMEA | Hungary        | LX.PDB0X.011 | AS8935G-644G32Mn VHP32ATHU1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_HU13                        | C2DT6400 |
| AS8935G-644G32Mn  | EMEA | Finland        | LX.PDB0X.010 | AS8935G-644G32Mn VHP32ATFI2 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_FI11                        | C2DT6400 |
| AS8935G-644G32Mn  | EMEA | Austria        | LX.PDB0X.021 | AS8935G-644G32Mn VHP32ATAT1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_DE11                        | C2DT6400 |
| AS8935G-644G32Mi  | EMEA | Russia         | LX.PDB0X.022 | AS8935G-644G32Mi VHP32ATRU1 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_abg_FP_1.0D_GEb_RU11                       | C2DT6400 |
| AS8935G-644G32Mn  | EMEA | Eastern Europe | LX.PDB0X.030 | AS8935G-644G32Mn VHP32ATEU3 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_RU23                        | C2DT6400 |
| AS8935G-644G32Mn  | EMEA | Eastern Europe | LX.PDB0X.028 | AS8935G-644G32Mn VHP32ATEU4 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_SV22                        | C2DT6400 |
| AS8935G-644G32Mn  | EMEA | Czech          | LX.PDB0X.025 | AS8935G-644G32Mn VHP32ATCZ2 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_SK12                        | C2DT6400 |
| AS8935G-644G32Mn  | EMEA | Eastern Europe | LX.PDB0X.026 | AS8935G-644G32Mn VHP32ATEU7 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_SL11                        | C2DT6400 |
| AS8935G-644G32Mn  | EMEA | Eastern Europe | LX.PDB0X.027 | AS8935G-644G32Mn VHP32ATEU7 MC M96XT1GBCFbk 2*2G/320/BT/8L/5R/CBUL_n2_FP_1.0D_GEb_ENR2                        | C2DT6400 |
| AS8935G-904G100Bn | EMEA | Germany        | LX.PD30X.009 | AS8935G-904G100Bn VHP32ATDE1 MC M96XT1GBTCFPbkQ 2*2G/500_L+500_L/BT/8L/5R/CBUL_n2_DVBT FP_1.0D_GEb_DE13       | C2QQ9000 |
| AS8935G-904G100Wn | EMEA | Germany        | LX.PD30X.008 | AS8935G-904G100Wn VHP32ATDE1 MC M96XT1GBTCFPbkQ 2*2G/500_L+500_L/BT/8L/5R/CBUL_n2_DVBT FP_1.0D_GEb_DE13       | C2QQ9000 |
| AS8935G-904G50Bn  | EMEA | Germany        | LX.PD30X.010 | AS8935G-904G50Bn VHP32ATDE1 MC M96XT1GBTCFPbkQ 2*2G/500_L/BT/8L/5R/CBUL_n2_DVBT FP_1.0D_GEb_DE13              | C2QQ9000 |
| AS8935G-904G100Bn | AAP  | Singapore      | LX.PD30X.007 | AS8935G-904G100Bn VHP32ATSG1 MC M96XT1GBTCFPbkQ 2*2G/500_L+500_L/BT/8L/5R/CBUL_n3_DVBT U/VHF_FP_1.0D_GEb_EN12 | C2QQ9000 |
| AS8935G-904G100Wn | AAP  | Singapore      | LX.PD30X.005 | AS8935G-904G100Wn VHP32ATSG1 MC M96XT1GBTCFPbkQ 2*2G/500_L+500_L/BT/8L/5R/CBUL_n3_DVBT U/VHF_FP_1.0D_GEb_EN12 | C2QQ9000 |
| AS8935G-904G100Bn | AAP  | Singapore      | LX.PD30X.006 | AS8935G-904G100Bn VHP32ATSG1 MC M96XT1GBTCFPbkQ 2*2G/500_L+500_L/BT/8L/5R/CBUL_n2_DVBT U/VHF_FP_1.0D_GEb_EN12 | C2QQ9000 |

| Model             | RO    | Country                   | Acer Part No | Description                                                                                                               | CPU      |
|-------------------|-------|---------------------------|--------------|---------------------------------------------------------------------------------------------------------------------------|----------|
| AS8935G-904G100Wn | AAP   | Australia/<br>New Zealand | LX.PD30U.003 | AS8935G-904G100Wn VUT64ATAU1 MC M96XT1GBTCFPbkQ 2*2G/<br>500_L+500_L/BT/8L/5R/<br>CBUL_n2_DVBT U/<br>VHF_FP_1.0D_GEb_EN11 | C2QQ9000 |
| AS8935G-904G100Bn | AAP   | Australia/<br>New Zealand | LX.PD30U.002 | AS8935G-904G100Bn VUT32ATAU1 MC M96XT1GBTCFPbkQ 2*2G/<br>500_L+500_L/BT/8L/5R/<br>CBUL_n2_DVBT U/<br>VHF_FP_1.0D_GEb_EN12 | C2QQ9000 |
| AS8935G-904G100Wn | AAP   | Australia/<br>New Zealand | LX.PD30U.001 | AS8935G-904G100Wn VUT32ATAU1 MC M96XT1GBTCFPbkQ 2*2G/<br>500_L+500_L/BT/8L/5R/<br>CBUL_n2_DVBT U/<br>VHF_FP_1.0D_GEb_EN12 | C2QQ9000 |
| AS8935G-904G100Wn | AAP   | Australia/<br>New Zealand | LX.PD30X.004 | AS8935G-904G100Wn VHP32ATAU1 MC M96XT1GBTCFPbkQ 2*2G/<br>500_L+500_L/BT/8L/CBUL_n2_DVBT U/<br>VHF_FP_1.0D_GEb_EN12        | C2QQ9000 |
| AS8935G-904G100Bn | AAP   | Australia/<br>New Zealand | LX.PD30X.003 | AS8935G-904G100Bn VHP32ATAU1 MC M96XT1GBTCFPbkQ 2*2G/<br>500_L+500_L/BT/8L/CBUL_n2_DVBT U/<br>VHF_FP_1.0D_GEb_EN12        | C2QQ9000 |
| AS8935G-904G100Wn | EMEA  | UK                        | LX.PD30X.002 | AS8935G-904G100Wn VHP32ATGB1 MC M96XT1GBTCFPbkQ 2*2G/<br>500_L+500_L/BT/8L/CBUL_n2_DVBT<br>FP_1.0D_GEb_EN14               | C2QQ9000 |
| AS8935G-904G50Wn  | EMEA  | UK                        | LX.PD30X.001 | AS8935G-904G50Wn VHP32ATGB1 MC M96XT1GBTCFPbkQ 2*2G/500_L/BT/<br>8L/CBUL_n2_DVBT U/<br>VHF_FP_1.0D_GEb_EN14               | C2QQ9000 |
| AS8935G-904G75B   | WW    | WW                        | S2.PD30X.001 | AS8935G-904G75BVHP32AWW1 MC M96XT1GBTCFPbkQ 2*2G/250+500_L/<br>8L/CBUL_DVBT U/<br>VHF_FP_1.0D_GEb_EN11                    | C2QQ9000 |
| AS8935G-984G100Wn | AAP   | Singapore                 | LX.PD90X.002 | AS8935G-984G100Wn VHP32ATSG1 MC M96XT1GBTCFPbk 2*2G/<br>500_L+500_L/BT/8L/5R/<br>CBUL_n3_DVBT U/<br>VHF_FP_1.0D_GEb_EN12  | C2DT9800 |
| AS8935G-984G100Bn | AAP   | Singapore                 | LX.PD90X.001 | AS8935G-984G100Bn VHP32ATSG1 MC M96XT1GBTCFPbk 2*2G/<br>500_L+500_L/BT/8L/5R/<br>CBUL_n3_DVBT U/<br>VHF_FP_1.0D_GEb_EN12  | C2DT9800 |
| AS8935G-964G100Bn | AAP   | Singapore                 | LX.PD90X.003 | AS8935G-964G100Bn VHP32ATSG1 MC M96XT1GBTCFPbk 2*2G/<br>500_L+500_L/BT/8L/5R/<br>CBUL_n3_DVBT U/<br>VHF_FP_1.0D_GEb_EN12  | C2DT9600 |
| AS8935G-9A4G100Bn | AAP   | Singapore                 | LX.PD90X.004 | AS8935G-9A4G100Bn VHP32ATSG1 MC M96XT1GBTCFPbk 2*2G/<br>500_L+500_L/BT/8L/5R/<br>CBUL_n3_DVBT U/<br>VHF_FP_1.0D_GEb_EN12  | C2DT9550 |
| AS8935G-964G32Wn  | CHINA | China                     | LX.PD20X.003 | AS8935G-964G32Wn VHP32ATCN1 MC M96XT1GBTCFbk 2*2G/320/BT/8L/<br>CBUL_n2_DVBT U/<br>VHF_FP_1.0D_GEb_SC11                   | C2DT9600 |

| Model            | RO    | Country   | Acer Part No | Description                                                                                       | CPU      |
|------------------|-------|-----------|--------------|---------------------------------------------------------------------------------------------------|----------|
| AS8935G-964G32Mn | CHINA | China     | LX.PD20X.002 | AS8935G-964G32Mn VHP32ATCN1 MC M96XT1GBTCFbk 2*2G/320/BT/8L/ CBUL_n2_DVBT U/ VHF_FP_1.0D_GEb_SC11 | C2DT9600 |
| AS8935G-964G32Mn | CHINA | Hong Kong | LX.PD20X.001 | AS8935G-964G32Mn VHP32ATHK2 MC M96XT1GBTCFbk 2*2G/320/BT/8L/ CBUL_n2_DVBT U/ VHF_FP_1.0D_GEb_ZH31 | C2DT9600 |
| AS8935G-874G66M  | WW    | WW        | S2.PD20X.001 | AS8935G-874G66MVHP32AWW1 MC M96XT1GBTCFbk 2*2G/500_L+160/8L/ CBUL_DVBT U/ VHF_FP_1.0D_GEb_EN11    | C2DP8700 |
| AS8935G-984G32Mn | CHINA | China     | LX.PD10X.002 | AS8935G-984G32Mn VHP32ATCN1 MC N10PGE11GBCFPbk 2*2G/320/BT/8L/ CBUL_n3_FP_1.0D_GEb_SC11           | C2DT9800 |
| AS8935G-984G32Mn | CHINA | Hong Kong | LX.PD10X.001 | AS8935G-984G32Mn VHP32ATHK2 MC N10PGE11GBCFPbk 2*2G/320/BT/8L/ CBUL_n3_FP_1.0D_GEb_ZH31           | C2DT9800 |
| AS8935G-9A4G75B  | WW    | WW        | S2.PD10X.001 | AS8935G-9A4G75BVHP32AWW1 MC N10PGE11GBCFPbk 2*2G/250+500_L/ 8L/CBUL_FP_1.0D_GEb_EN11              | C2DT9550 |
| AS8935G-644G48M  | WW    | WW        | S2.PCZ0X.001 | AS8935G-644G48MVHP32AWW1 MC N10PGE11GBCFbk 2*2G/320+160/8L/ CBUL_FP_1.0D_GEb_EN11                 | C2DT6400 |

| Model             | LCD              | VGA   | VRAM 1            | Memory 1   | Memory 2   | HDD 1        | HDD 2        |
|-------------------|------------------|-------|-------------------|------------|------------|--------------|--------------|
| AS8935G-904G50Bn  | NLED18.4 WUXGAGL | M96XT | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N500GB 5.4KS | N            |
| AS8935G-904G64Wn  | NLED18.4 WUXGAGL | M96XT | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N320GB 5.4KS | N320GB 5.4KS |
| AS8935G-904G50Bn  | NLED18.4 WUXGAGL | M96XT | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N500GB 5.4KS | N            |
| AS8935G-904G100Wn | NLED18.4 WUXGAGL | M96XT | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N500GB 5.4KS | N500GB 5.4KS |
| AS8935G-904G32Bn  | NLED18.4 WUXGAGL | M96XT | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N320GB 5.4KS | N            |
| AS8935G-904G100Wn | NLED18.4 WUXGAGL | M96XT | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N500GB 5.4KS | N500GB 5.4KS |
| AS8935G-904G50Bn  | NLED18.4 WUXGAGL | M96XT | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N500GB 5.4KS | N            |
| AS8935G-904G100Bn | NLED18.4 WUXGAGL | M96XT | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N500GB 5.4KS | N500GB 5.4KS |
| AS8935G-904G32Bn  | NLED18.4 WUXGAGL | M96XT | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N320GB 5.4KS | N            |
| AS8935G-904G32Bn  | NLED18.4 WUXGAGL | M96XT | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N320GB 5.4KS | N            |
| AS8935G-904G48Wn  | NLED18.4 WUXGAGL | M96XT | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N320GB 5.4KS | N160GB 5.4KS |
| AS8935G-904G48Wn  | NLED18.4 WUXGAGL | M96XT | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N320GB 5.4KS | N160GB 5.4KS |
| AS8935G-904G50Wn  | NLED18.4 WUXGAGL | M96XT | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N500GB 5.4KS | N            |
| AS8935G-904G50Wn  | NLED18.4 WUXGAGL | M96XT | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N500GB 5.4KS | N            |
| AS8935G-904G50Wn  | NLED18.4 WUXGAGL | M96XT | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N500GB 5.4KS | N            |







[illegible]













| Model             | LCD              | VGA     | VRAM 1            | Memory 1   | Memory 2   | HDD 1        | HDD 2        |
|-------------------|------------------|---------|-------------------|------------|------------|--------------|--------------|
| AS8935G-644G32Mn  | NLED18.4 WUXGAGL | M96XT   | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N320GB 5.4KS | N            |
| AS8935G-644G32Mn  | NLED18.4 WUXGAGL | M96XT   | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N320GB 5.4KS | N            |
| AS8935G-644G32Mn  | NLED18.4 WUXGAGL | M96XT   | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N320GB 5.4KS | N            |
| AS8935G-904G100Bn | NLED18.4 WUXGAGL | M96XT   | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N500GB 5.4KS | N500GB 5.4KS |
| AS8935G-904G100Wn | NLED18.4 WUXGAGL | M96XT   | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N500GB 5.4KS | N500GB 5.4KS |
| AS8935G-904G50Bn  | NLED18.4 WUXGAGL | M96XT   | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N500GB 5.4KS | N            |
| AS8935G-904G100Bn | NLED18.4 WUXGAGL | M96XT   | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N500GB 5.4KS | N500GB 5.4KS |
| AS8935G-904G100Wn | NLED18.4 WUXGAGL | M96XT   | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N500GB 5.4KS | N500GB 5.4KS |
| AS8935G-904G100Bn | NLED18.4 WUXGAGL | M96XT   | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N500GB 5.4KS | N500GB 5.4KS |
| AS8935G-904G100Wn | NLED18.4 WUXGAGL | M96XT   | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N500GB 5.4KS | N500GB 5.4KS |
| AS8935G-904G100Bn | NLED18.4 WUXGAGL | M96XT   | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N500GB 5.4KS | N500GB 5.4KS |
| AS8935G-904G100Wn | NLED18.4 WUXGAGL | M96XT   | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N500GB 5.4KS | N500GB 5.4KS |
| AS8935G-904G100Bn | NLED18.4 WUXGAGL | M96XT   | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N500GB 5.4KS | N500GB 5.4KS |
| AS8935G-904G100Wn | NLED18.4 WUXGAGL | M96XT   | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N500GB 5.4KS | N500GB 5.4KS |
| AS8935G-904G100Bn | NLED18.4 WUXGAGL | M96XT   | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N500GB 5.4KS | N500GB 5.4KS |
| AS8935G-904G100Wn | NLED18.4 WUXGAGL | M96XT   | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N500GB 5.4KS | N500GB 5.4KS |
| AS8935G-904G50Wn  | NLED18.4 WUXGAGL | M96XT   | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N500GB 5.4KS | N            |
| AS8935G-904G75B   | NLED18.4 WUXGAGL | M96XT   | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N250GB 5.4KS | N500GB 5.4KS |
| AS8935G-984G100Wn | NLED18.4 WUXGAGL | M96XT   | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N500GB 5.4KS | N500GB 5.4KS |
| AS8935G-984G100Bn | NLED18.4 WUXGAGL | M96XT   | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N500GB 5.4KS | N500GB 5.4KS |
| AS8935G-964G100Bn | NLED18.4 WUXGAGL | M96XT   | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N500GB 5.4KS | N500GB 5.4KS |
| AS8935G-9A4G100Bn | NLED18.4 WUXGAGL | M96XT   | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N500GB 5.4KS | N500GB 5.4KS |
| AS8935G-964G32Wn  | NLED18.4 WUXGAGL | M96XT   | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N320GB 5.4KS | N            |
| AS8935G-964G32Mn  | NLED18.4 WUXGAGL | M96XT   | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N320GB 5.4KS | N            |
| AS8935G-964G32Mn  | NLED18.4 WUXGAGL | M96XT   | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N320GB 5.4KS | N            |
| AS8935G-874G66M   | NLED18.4 WUXGAGL | M96XT   | 1G-DDR3 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N500GB 5.4KS | N160GB 5.4KS |
| AS8935G-984G32Mn  | NLED18.4 WUXGAGL | N10PGE1 | 1G-DDR2 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N320GB 5.4KS | N            |
| AS8935G-984G32Mn  | NLED18.4 WUXGAGL | N10PGE1 | 1G-DDR2 (64*16*8) | SO2GBIII10 | SO2GBIII10 | N320GB 5.4KS | N            |



| Model            | ODD      | Wireless LAN | Wireless LAN1 | Bluetooth | Finger Print |
|------------------|----------|--------------|---------------|-----------|--------------|
| AS8935G-904G50Wn | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G50Wn | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G50Wn | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G50Wn | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G50Wn | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G50Wn | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G50Wn | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G50Wn | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G50Wn | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G50Wn | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G50Wn | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G50Wn | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G50Wn | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G50Wi | NBDRW4XS | SP1x2MMW     | SP1x2MABG     | BT 2.0    | SS801U       |
| AS8935G-904G50Wn | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G50Wn | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G50Wi | NBDRW4XS | SP1x2MMW     | SP1x2MABG     | BT 2.0    | SS801U       |
| AS8935G-904G50Wn | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G50Wn | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G50Wn | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G50Wn | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G50Wn | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G50Wn | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G50Wn | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G50Wn | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G50Wn | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G50Wn | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G50Wn | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |







| Model             | ODD      | Wireless LAN | Wireless LAN1 | Bluetooth | Finger Print |
|-------------------|----------|--------------|---------------|-----------|--------------|
| AS8935G-874G50Bn  | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-874G50Bn  | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-874G50Bn  | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-874G50Bn  | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-874G50Bn  | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-874G50Bn  | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-874G50Bn  | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-874G50Bn  | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-874G50Bn  | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-874G50Bn  | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-874G50Bn  | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-874G50Bn  | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-874G50Bn  | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-964G64Wn  | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-874G50Bn  | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-734G50Bn  | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G50Bn  | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-954G50Wn  | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-954G64Wn  | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | N         | SS801U       |
| AS8935G-874G50Bn  | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-874G50Bn  | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-874G50Mn  | NSM8XS   | SP1x2MMW     | SP1x2MMW      | N         | SS801U       |
| AS8935G-874G50Mn  | NSM8XS   | SP1x2MMW     | SP1x2MMW      | N         | SS801U       |
| AS8935G-874G50Mn  | NSM8XS   | SP1x2MMW     | SP1x2MMW      | N         | SS801U       |
| AS8935G-644G32Bn  | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-9A4G100Mn | NSM8XS   | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-9A4G100Bn | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |

| Model            | ODD      | Wireless LAN | Wireless LAN1 | Bluetooth | Finger Print |
|------------------|----------|--------------|---------------|-----------|--------------|
| AS8935G-964G57Wn | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-964G57Wn | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-744G50Bn | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-744G50Bn | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-744G50Bn | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-744G50Bn | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-744G50Bn | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-744G50Bn | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-744G50Bn | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-744G50Bn | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-744G50Bn | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-744G50Bn | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-744G50Bn | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-744G50Bn | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-744G50Bn | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-744G50Bn | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-744G50Bn | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-744G50Bn | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-744G50Bn | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-744G50Bi | NBDCB4XS | SP1x2MMW     | SP1x2MABG     | BT 2.0    | SS801U       |
| AS8935G-744G50Bn | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-744G50Bn | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-744G50Bi | NBDCB4XS | SP1x2MMW     | SP1x2MABG     | BT 2.0    | SS801U       |
| AS8935G-744G50Bn | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-744G50Bn | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |





| Model            | ODD    | Wireless LAN | Wireless LAN1 | Bluetooth | Finger Print |
|------------------|--------|--------------|---------------|-----------|--------------|
| AS8935G-654G32Mi | NSM8XS | SP1x2MMW     | SP1x2MABG     | BT 2.0    | SS801U       |
| AS8935G-654G32Mn | NSM8XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-654G32Mn | NSM8XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-654G32Mn | NSM8XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-654G32Mn | NSM8XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-654G32Mn | NSM8XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn | NSM8XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn | NSM8XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn | NSM8XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn | NSM8XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn | NSM8XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn | NSM8XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn | NSM8XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn | NSM8XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn | NSM8XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn | NSM8XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn | NSM8XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn | NSM8XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn | NSM8XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn | NSM8XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn | NSM8XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn | NSM8XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn | NSM8XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mi | NSM8XS | SP1x2MMW     | SP1x2MABG     | BT 2.0    | SS801U       |
| AS8935G-644G32Mn | NSM8XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn | NSM8XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn | NSM8XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn | NSM8XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn | NSM8XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn | NSM8XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |

| Model             | ODD      | Wireless LAN | Wireless LAN1 | Bluetooth | Finger Print |
|-------------------|----------|--------------|---------------|-----------|--------------|
| AS8935G-644G32Mn  | NSM8XS   | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn  | NSM8XS   | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn  | NSM8XS   | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn  | NSM8XS   | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn  | NSM8XS   | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn  | NSM8XS   | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn  | NSM8XS   | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn  | NSM8XS   | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn  | NSM8XS   | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn  | NSM8XS   | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn  | NSM8XS   | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn  | NSM8XS   | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn  | NSM8XS   | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn  | NSM8XS   | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mi  | NSM8XS   | SP1x2MMW     | SP1x2MABG     | BT 2.0    | SS801U       |
| AS8935G-644G32Mn  | NSM8XS   | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn  | NSM8XS   | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn  | NSM8XS   | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn  | NSM8XS   | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn  | NSM8XS   | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-644G32Mn  | NSM8XS   | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G100Bn | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G100Wn | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G50Bn  | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G100Bn | NBDCB4XS | SP3x3MMW     | SP3x3MMW      | BT 2.0    | SS801U       |
| AS8935G-904G100Wn | NBDRW4XS | SP3x3MMW     | SP3x3MMW      | BT 2.0    | SS801U       |
| AS8935G-904G100Bn | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |

| Model             | ODD      | Wireless LAN | Wireless LAN1 | Bluetooth | Finger Print |
|-------------------|----------|--------------|---------------|-----------|--------------|
| AS8935G-904G100Wn | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G100Bn | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G100Wn | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G100Wn | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G100Bn | NBDCB4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G100Wn | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G50Wn  | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-904G75B   | NBDCB4XS | N            | N             | N         | SS801U       |
| AS8935G-984G100Wn | NBDRW4XS | SP3x3MMW     | SP3x3MMW      | BT 2.0    | SS801U       |
| AS8935G-984G100Bn | NBDCB4XS | SP3x3MMW     | SP3x3MMW      | BT 2.0    | SS801U       |
| AS8935G-964G100Bn | NBDCB4XS | SP3x3MMW     | SP3x3MMW      | BT 2.0    | SS801U       |
| AS8935G-9A4G100Bn | NBDCB4XS | SP3x3MMW     | SP3x3MMW      | BT 2.0    | SS801U       |
| AS8935G-964G32Wn  | NBDRW4XS | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-964G32Mn  | NSM8XS   | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-964G32Mn  | NSM8XS   | SP1x2MMW     | SP1x2MMW      | BT 2.0    | SS801U       |
| AS8935G-874G66M   | NSM8XS   | N            | N             | N         | SS801U       |
| AS8935G-984G32Mn  | NSM8XS   | SP3x3MMW     | SP3x3MMW      | BT 2.0    | SS801U       |
| AS8935G-984G32Mn  | NSM8XS   | SP3x3MMW     | SP3x3MMW      | BT 2.0    | SS801U       |
| AS8935G-9A4G75B   | NBDCB4XS | N            | N             | N         | SS801U       |
| AS8935G-644G48M   | NSM8XS   | N            | N             | N         | SS801U       |

## Test Compatible Components

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This computer's compatibility is tested and verified by Acer's internal testing department. All of its system functions are tested under Windows® XP Home, Windows® XP Pro environment.

Refer to the following lists for components, adapter cards, and peripherals which have passed these tests. Regarding configuration, combination and test procedures, please refer to the Acer SM80 Compatibility Test Report released by the Acer Mobile System Testing Department.

# Microsoft® Windows® Vista Environment Test

| BOM_Name                       | BRAND   | Type    | Description                                                                   |
|--------------------------------|---------|---------|-------------------------------------------------------------------------------|
| <b>Adapter</b>                 |         |         |                                                                               |
| AS8935G_M961GBT<br>CbF         | DELTA   | 120W    | Adapter DELTA 120W 19V 1.7x5.5x11 Green ADP-120ZB<br>BBX LED LF               |
| AS8935G_M961GBT<br>CbF         | DELTA   | 120W-DE | Adapter DELTA 120W-DE 19V 1.7x5.5x11 Green ADP-<br>120ZB BBGB, LV5+OBL LED LF |
| AS8935G_M961GBT<br>CbF         | LITE-ON | 120W-DE | Adapter LITE-ON 120W-DE 19V 1.7x5.5x11 Green PA-<br>1121-04AC, LV5+OBL LED LF |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  | DELTA   | 120W    | Adapter DELTA 120W 19V 1.7x5.5x11 Green ADP-120ZB<br>BBX LED LF               |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  | DELTA   | 120W-DE | Adapter DELTA 120W-DE 19V 1.7x5.5x11 Green ADP-<br>120ZB BBGB, LV5+OBL LED LF |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  | LITE-ON | 120W-DE | Adapter LITE-ON 120W-DE 19V 1.7x5.5x11 Green PA-<br>1121-04AC, LV5+OBL LED LF |
| AS8935G_M96XT1G<br>BCFPbk_V3   | DELTA   | 120W    | Adapter DELTA 120W 19V 1.7x5.5x11 Green ADP-120ZB<br>BBX LED LF               |
| AS8935G_M96XT1G<br>BCFPbk_V3   | DELTA   | 120W-DE | Adapter DELTA 120W-DE 19V 1.7x5.5x11 Green ADP-<br>120ZB BBGB, LV5+OBL LED LF |
| AS8935G_M96XT1G<br>BCFPbk_V3   | LITE-ON | 120W-DE | Adapter LITE-ON 120W-DE 19V 1.7x5.5x11 Green PA-<br>1121-04AC, LV5+OBL LED LF |
| AS8935G_M96XT1G<br>BCFbk_V3    | DELTA   | 120W    | Adapter DELTA 120W 19V 1.7x5.5x11 Green ADP-120ZB<br>BBX LED LF               |
| AS8935G_M96XT1G<br>BCFbk_V3    | DELTA   | 120W-DE | Adapter DELTA 120W-DE 19V 1.7x5.5x11 Green ADP-<br>120ZB BBGB, LV5+OBL LED LF |
| AS8935G_M96XT1G<br>BCFbk_V3    | LITE-ON | 120W-DE | Adapter LITE-ON 120W-DE 19V 1.7x5.5x11 Green PA-<br>1121-04AC, LV5+OBL LED LF |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | DELTA   | 120W    | Adapter DELTA 120W 19V 1.7x5.5x11 Green ADP-120ZB<br>BBX LED LF               |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | DELTA   | 120W-DE | Adapter DELTA 120W-DE 19V 1.7x5.5x11 Green ADP-<br>120ZB BBGB, LV5+OBL LED LF |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | LITE-ON | 120W-DE | Adapter LITE-ON 120W-DE 19V 1.7x5.5x11 Green PA-<br>1121-04AC, LV5+OBL LED LF |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | DELTA   | 120W    | Adapter DELTA 120W 19V 1.7x5.5x11 Green ADP-120ZB<br>BBX LED LF               |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | DELTA   | 120W-DE | Adapter DELTA 120W-DE 19V 1.7x5.5x11 Green ADP-<br>120ZB BBGB, LV5+OBL LED LF |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | LITE-ON | 120W-DE | Adapter LITE-ON 120W-DE 19V 1.7x5.5x11 Green PA-<br>1121-04AC, LV5+OBL LED LF |
| AS8935G_M96XT1G<br>BTCFbk_V3   | DELTA   | 120W    | Adapter DELTA 120W 19V 1.7x5.5x11 Green ADP-120ZB<br>BBX LED LF               |
| AS8935G_M96XT1G<br>BTCFbk_V3   | DELTA   | 120W-DE | Adapter DELTA 120W-DE 19V 1.7x5.5x11 Green ADP-<br>120ZB BBGB, LV5+OBL LED LF |
| AS8935G_M96XT1G<br>BTCFbk_V3   | LITE-ON | 120W-DE | Adapter LITE-ON 120W-DE 19V 1.7x5.5x11 Green PA-<br>1121-04AC, LV5+OBL LED LF |
| AS8935G_N10PGE1<br>1GBCFpbk    | DELTA   | 120W    | Adapter DELTA 120W 19V 1.7x5.5x11 Green ADP-120ZB<br>BBX LED LF               |
| AS8935G_N10PGE1<br>1GBCFpbk    | DELTA   | 120W-DE | Adapter DELTA 120W-DE 19V 1.7x5.5x11 Green ADP-<br>120ZB BBGB, LV5+OBL LED LF |
| AS8935G_N10PGE1<br>1GBCFpbk    | LITE-ON | 120W-DE | Adapter LITE-ON 120W-DE 19V 1.7x5.5x11 Green PA-<br>1121-04AC, LV5+OBL LED LF |
| AS8935G_N10PGE1<br>1GBCFbk     | DELTA   | 120W    | Adapter DELTA 120W 19V 1.7x5.5x11 Green ADP-120ZB<br>BBX LED LF               |
| AS8935G_N10PGE1<br>1GBCFbk     | DELTA   | 120W-DE | Adapter DELTA 120W-DE 19V 1.7x5.5x11 Green ADP-<br>120ZB BBGB, LV5+OBL LED LF |
| AS8935G_N10PGE1<br>1GBCFbk     | LITE-ON | 120W-DE | Adapter LITE-ON 120W-DE 19V 1.7x5.5x11 Green PA-<br>1121-04AC, LV5+OBL LED LF |
| AS8935G_N10PGE1<br>1GBTCbF     | DELTA   | 120W    | Adapter DELTA 120W 19V 1.7x5.5x11 Green ADP-120ZB<br>BBX LED LF               |

| BOM_Name                       | BRAND   | Type     | Description                                                                  |
|--------------------------------|---------|----------|------------------------------------------------------------------------------|
| AS8935G_N10PGE1<br>1GBTCbF     | DELTA   | 120W-DE  | Adapter DELTA 120W-DE 19V 1.7x5.5x11 Green ADP-120ZB BBGB, LV5+OBL LED LF    |
| AS8935G_N10PGE1<br>1GBTCbF     | LITE-ON | 120W-DE  | Adapter LITE-ON 120W-DE 19V 1.7x5.5x11 Green PA-1121-04AC, LV5+OBL LED LF    |
| <b>Audio Codec</b>             |         |          |                                                                              |
| AS8935G_M961GBT<br>CbF         | Realtek | ALC889X  | Realtek Audio Codec ALC889X                                                  |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  | Realtek | ALC889X  | Realtek Audio Codec ALC889X                                                  |
| AS8935G_M96XT1G<br>BCFPbk_V3   | Realtek | ALC889X  | Realtek Audio Codec ALC889X                                                  |
| AS8935G_M96XT1G<br>BCFbk_V3    | Realtek | ALC889X  | Realtek Audio Codec ALC889X                                                  |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | Realtek | ALC889X  | Realtek Audio Codec ALC889X                                                  |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | Realtek | ALC889X  | Realtek Audio Codec ALC889X                                                  |
| AS8935G_M96XT1G<br>BTCFbk_V3   | Realtek | ALC889X  | Realtek Audio Codec ALC889X                                                  |
| AS8935G_N10PGE1<br>1GBCFPbk    | Realtek | ALC889X  | Realtek Audio Codec ALC889X                                                  |
| AS8935G_N10PGE1<br>1GBCFbk     | Realtek | ALC889X  | Realtek Audio Codec ALC889X                                                  |
| AS8935G_N10PGE1<br>1GBTCbF     | Realtek | ALC889X  | Realtek Audio Codec ALC889X                                                  |
| <b>Battery</b>                 |         |          |                                                                              |
| AS8935G_M961GBT<br>CbF         | SANYO   | 8CELL2.4 | Battery SANYO AS-2007B Li-Ion 4S2P SANYO 8 cell 4800mAh Main COMMON          |
| AS8935G_M961GBT<br>CbF         | SONY    | 8CELL2.4 | Battery SONY AS-2007B Li-Ion 4S2P SONY 8 cell 4800mAh Main COMMON            |
| AS8935G_M961GBT<br>CbF         | SIMPLO  | 8CELL2.4 | Battery SIMPLO AS-2007B Li-Ion 4S2P PANASONIC 8 cell 4800mAh Main COMMON PSS |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  | SANYO   | 8CELL2.4 | Battery SANYO AS-2007B Li-Ion 4S2P SANYO 8 cell 4800mAh Main COMMON          |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  | SONY    | 8CELL2.4 | Battery SONY AS-2007B Li-Ion 4S2P SONY 8 cell 4800mAh Main COMMON            |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  | SIMPLO  | 8CELL2.4 | Battery SIMPLO AS-2007B Li-Ion 4S2P PANASONIC 8 cell 4800mAh Main COMMON PSS |
| AS8935G_M96XT1G<br>BCFPbk_V3   | SANYO   | 8CELL2.4 | Battery SANYO AS-2007B Li-Ion 4S2P SANYO 8 cell 4800mAh Main COMMON          |
| AS8935G_M96XT1G<br>BCFPbk_V3   | SONY    | 8CELL2.4 | Battery SONY AS-2007B Li-Ion 4S2P SONY 8 cell 4800mAh Main COMMON            |
| AS8935G_M96XT1G<br>BCFPbk_V3   | SIMPLO  | 8CELL2.4 | Battery SIMPLO AS-2007B Li-Ion 4S2P PANASONIC 8 cell 4800mAh Main COMMON PSS |
| AS8935G_M96XT1G<br>BCFbk_V3    | SANYO   | 8CELL2.4 | Battery SANYO AS-2007B Li-Ion 4S2P SANYO 8 cell 4800mAh Main COMMON          |
| AS8935G_M96XT1G<br>BCFbk_V3    | SONY    | 8CELL2.4 | Battery SONY AS-2007B Li-Ion 4S2P SONY 8 cell 4800mAh Main COMMON            |
| AS8935G_M96XT1G<br>BCFbk_V3    | SIMPLO  | 8CELL2.4 | Battery SIMPLO AS-2007B Li-Ion 4S2P PANASONIC 8 cell 4800mAh Main COMMON PSS |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | SANYO   | 8CELL2.4 | Battery SANYO AS-2007B Li-Ion 4S2P SANYO 8 cell 4800mAh Main COMMON          |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | SONY    | 8CELL2.4 | Battery SONY AS-2007B Li-Ion 4S2P SONY 8 cell 4800mAh Main COMMON            |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | SIMPLO  | 8CELL2.4 | Battery SIMPLO AS-2007B Li-Ion 4S2P PANASONIC 8 cell 4800mAh Main COMMON PSS |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | SANYO   | 8CELL2.4 | Battery SANYO AS-2007B Li-Ion 4S2P SANYO 8 cell 4800mAh Main COMMON          |

| BOM_Name                       | BRAND   | Type     | Description                                                                     |
|--------------------------------|---------|----------|---------------------------------------------------------------------------------|
| AS8935G_M96XT1G<br>BTCFPbk_V3  | SONY    | 8CELL2.4 | Battery SONY AS-2007B Li-Ion 4S2P SONY 8 cell<br>4800mAh Main COMMON            |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | SIMPLO  | 8CELL2.4 | Battery SIMPLO AS-2007B Li-Ion 4S2P PANASONIC 8<br>cell 4800mAh Main COMMON PSS |
| AS8935G_M96XT1G<br>BTCFbk_V3   | SANYO   | 8CELL2.4 | Battery SANYO AS-2007B Li-Ion 4S2P SANYO 8 cell<br>4800mAh Main COMMON          |
| AS8935G_M96XT1G<br>BTCFbk_V3   | SONY    | 8CELL2.4 | Battery SONY AS-2007B Li-Ion 4S2P SONY 8 cell<br>4800mAh Main COMMON            |
| AS8935G_M96XT1G<br>BTCFbk_V3   | SIMPLO  | 8CELL2.4 | Battery SIMPLO AS-2007B Li-Ion 4S2P PANASONIC 8<br>cell 4800mAh Main COMMON PSS |
| AS8935G_N10PGE1<br>1GBCFpbk    | SANYO   | 8CELL2.4 | Battery SANYO AS-2007B Li-Ion 4S2P SANYO 8 cell<br>4800mAh Main COMMON          |
| AS8935G_N10PGE1<br>1GBCFpbk    | SONY    | 8CELL2.4 | Battery SONY AS-2007B Li-Ion 4S2P SONY 8 cell<br>4800mAh Main COMMON            |
| AS8935G_N10PGE1<br>1GBCFpbk    | SIMPLO  | 8CELL2.4 | Battery SIMPLO AS-2007B Li-Ion 4S2P PANASONIC 8<br>cell 4800mAh Main COMMON PSS |
| AS8935G_N10PGE1<br>1GBCFbk     | SANYO   | 8CELL2.4 | Battery SANYO AS-2007B Li-Ion 4S2P SANYO 8 cell<br>4800mAh Main COMMON          |
| AS8935G_N10PGE1<br>1GBCFbk     | SONY    | 8CELL2.4 | Battery SONY AS-2007B Li-Ion 4S2P SONY 8 cell<br>4800mAh Main COMMON            |
| AS8935G_N10PGE1<br>1GBCFbk     | SIMPLO  | 8CELL2.4 | Battery SIMPLO AS-2007B Li-Ion 4S2P PANASONIC 8<br>cell 4800mAh Main COMMON PSS |
| AS8935G_N10PGE1<br>1GBTcbF     | SANYO   | 8CELL2.4 | Battery SANYO AS-2007B Li-Ion 4S2P SANYO 8 cell<br>4800mAh Main COMMON          |
| AS8935G_N10PGE1<br>1GBTcbF     | SONY    | 8CELL2.4 | Battery SONY AS-2007B Li-Ion 4S2P SONY 8 cell<br>4800mAh Main COMMON            |
| AS8935G_N10PGE1<br>1GBTcbF     | SIMPLO  | 8CELL2.4 | Battery SIMPLO AS-2007B Li-Ion 4S2P PANASONIC 8<br>cell 4800mAh Main COMMON PSS |
| <b>Bluetooth</b>               |         |          |                                                                                 |
| AS8935G_M961GBT<br>CbF         | Foxconn | BT 2.1   | Foxconn Bluetooth FOX BRM 2046 BT2.1                                            |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  | Foxconn | BT 2.0   | Foxconn Bluetooth FOX_BRM_2.0 F/W 300                                           |
| AS8935G_M96XT1G<br>BCFPbk_V3   | Foxconn | BT 2.0   | Foxconn Bluetooth FOX_BRM_2.0 F/W 300                                           |
| AS8935G_M96XT1G<br>BCFbk_V3    | Foxconn | BT 2.0   | Foxconn Bluetooth FOX_BRM_2.0 F/W 300                                           |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | Foxconn | BT 2.0   | Foxconn Bluetooth FOX_BRM_2.0 F/W 300                                           |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | Foxconn | BT 2.0   | Foxconn Bluetooth FOX_BRM_2.0 F/W 300                                           |
| AS8935G_M96XT1G<br>BTCFbk_V3   | Foxconn | BT 2.0   | Foxconn Bluetooth FOX_BRM_2.0 F/W 300                                           |
| AS8935G_N10PGE1<br>1GBCFpbk    | Foxconn | BT 2.0   | Foxconn Bluetooth FOX_BRM_2.0 F/W 300                                           |
| AS8935G_N10PGE1<br>1GBCFbk     | Foxconn | BT 2.0   | Foxconn Bluetooth FOX_BRM_2.0 F/W 300                                           |
| AS8935G_N10PGE1<br>1GBTcbF     | Foxconn | BT 2.1   | Foxconn Bluetooth FOX BRM 2046 BT2.1                                            |
| <b>Camera</b>                  |         |          |                                                                                 |
| AS8935G_M961GBT<br>CbF         | Suyin   | 1.0M DV  | Suyin 1.0M DV Tulip_G                                                           |
| AS8935G_M961GBT<br>CbF         | Chicony | 1.0M DV  | Chicony 1.0M DV Daisy_G                                                         |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  | Suyin   | 1.0M DV  | Suyin 1.0M DV Tulip_G                                                           |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  | Chicony | 1.0M DV  | Chicony 1.0M DV Daisy_G                                                         |

| BOM_Name                       | BRAND   | Type            | Description                                                 |
|--------------------------------|---------|-----------------|-------------------------------------------------------------|
| AS8935G_M96XT1G<br>BCFPbk_V3   | Suyin   | 1.0M DV         | Suyin 1.0M DV Tulip_G                                       |
| AS8935G_M96XT1G<br>BCFPbk_V3   | Chicony | 1.0M DV         | Chicony 1.0M DV Daisy_G                                     |
| AS8935G_M96XT1G<br>BCFbk_V3    | Suyin   | 1.0M DV         | Suyin 1.0M DV Tulip_G                                       |
| AS8935G_M96XT1G<br>BCFbk_V3    | Chicony | 1.0M DV         | Chicony 1.0M DV Daisy_G                                     |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | Suyin   | 1.0M DV         | Suyin 1.0M DV Tulip_G                                       |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | Chicony | 1.0M DV         | Chicony 1.0M DV Daisy_G                                     |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | Suyin   | 1.0M DV         | Suyin 1.0M DV Tulip_G                                       |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | Chicony | 1.0M DV         | Chicony 1.0M DV Daisy_G                                     |
| AS8935G_M96XT1G<br>BTCFbk_V3   | Suyin   | 1.0M DV         | Suyin 1.0M DV Tulip_G                                       |
| AS8935G_M96XT1G<br>BTCFbk_V3   | Chicony | 1.0M DV         | Chicony 1.0M DV Daisy_G                                     |
| AS8935G_N10PGE1<br>1GBCFPbk    | Suyin   | 1.0M DV         | Suyin 1.0M DV Tulip_G                                       |
| AS8935G_N10PGE1<br>1GBCFPbk    | Chicony | 1.0M DV         | Chicony 1.0M DV Daisy_G                                     |
| AS8935G_N10PGE1<br>1GBCFbk     | Suyin   | 1.0M DV         | Suyin 1.0M DV Tulip_G                                       |
| AS8935G_N10PGE1<br>1GBCFbk     | Chicony | 1.0M DV         | Chicony 1.0M DV Daisy_G                                     |
| AS8935G_N10PGE1<br>1GBTCbF     | Suyin   | 1.0M DV         | Suyin 1.0M DV Tulip_G                                       |
| AS8935G_N10PGE1<br>1GBTCbF     | Chicony | 1.0M DV         | Chicony 1.0M DV Daisy_G                                     |
| <b>Card Reader</b>             |         |                 |                                                             |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  |         | 5 in 1-Build in | 5 in 1-Build in MS, MS Pro, SD, SC, XD                      |
| AS8935G_M96XT1G<br>BCFPbk_V3   |         | 5 in 1-Build in | 5 in 1-Build in MS, MS Pro, SD, SC, XD                      |
| AS8935G_M96XT1G<br>BCFbk_V3    |         | 5 in 1-Build in | 5 in 1-Build in MS, MS Pro, SD, SC, XD                      |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 |         | 5 in 1-Build in | 5 in 1-Build in MS, MS Pro, SD, SC, XD                      |
| AS8935G_M96XT1G<br>BTCFPbk_V3  |         | 5 in 1-Build in | 5 in 1-Build in MS, MS Pro, SD, SC, XD                      |
| AS8935G_M96XT1G<br>BTCFbk_V3   |         | 5 in 1-Build in | 5 in 1-Build in MS, MS Pro, SD, SC, XD                      |
| <b>CPU</b>                     |         |                 |                                                             |
| AS8935G_M961GBT<br>CbF         | INTEL   | C2DT6400        | CPU Intel Core2Dual T6400 PGA 2.0G 2M 800 35W R-0 TJ, no VT |
| AS8935G_M961GBT<br>CbF         | INTEL   | C2DT6500        | CPU Intel Core2Dual T6500 PGA 2.1G 2M 800 R-0               |
| AS8935G_M961GBT<br>CbF         | INTEL   | C2DT6600        | CPU Intel Core2Dual T6600 PGA 2.2G 2M 800 35W R-0           |
| AS8935G_M961GBT<br>CbF         | INTEL   | C2DP7350        | CPU Intel Core2Dual P7350 PGA 2.0G 3M 1066 25W              |
| AS8935G_M961GBT<br>CbF         | INTEL   | C2DP7450        | CPU Intel Core2Dual P7450 PGA 2.13G 3M 1066 TJ, noVT        |
| AS8935G_M961GBT<br>CbF         | INTEL   | C2DP7550        | CPU Intel Core2Dual P7550 PGA 2.26G 3M 1066 R-0             |

| BOM_Name                     | BRAND | Type     | Description                                                 |
|------------------------------|-------|----------|-------------------------------------------------------------|
| AS8935G_M961GBT<br>CbF       | INTEL | C2DP8700 | CPU Intel Core2Dual P8700 PGA 2.53G 3M 1066 25W R-0         |
| AS8935G_M961GBT<br>CbF       | INTEL | C2QQ9000 | CPU Intel Core2Quad Q9000 PGA 2.0G 6M 1066 45W              |
| AS8935G_M961GBT<br>CbF       | INTEL | C2DT9550 | CPU Intel Core2Dual T9550 PGA 2.66G 6M 1066 35W E-0         |
| AS8935G_M961GBT<br>CbF       | INTEL | C2DP9500 | CPU Intel Core2Dual P9500 PGA 2.53G 6M 1066 25W E-0         |
| AS8935G_M961GBT<br>CbF       | INTEL | C2DT9600 | CPU Intel Core2Dual T9600 PGA 2.8G 6M 1066 35W E-0          |
| AS8935G_M961GBT<br>CbF       | INTEL | C2DT9800 | CPU Intel Core2Dual T9800 PGA 2.93G 6M 1066 35W E-0         |
| AS8935G_M96XT1G<br>BCFPbk_V3 | INTEL | C2QQ9000 | CPU Intel Core2Quad Q9000 PGA 2.0G 6M 1066 45W              |
| AS8935G_M96XT1G<br>BCFPbk_V3 | INTEL | C2DT6400 | CPU Intel Core2Dual T6400 PGA 2.0G 2M 800 35W R-0 TJ, no VT |
| AS8935G_M96XT1G<br>BCFPbk_V3 | INTEL | C2DT6500 | CPU Intel Core2Dual T6500 PGA 2.1G 2M 800 R-0               |
| AS8935G_M96XT1G<br>BCFPbk_V3 | INTEL | C2DT6600 | CPU Intel Core2Dual T6600 PGA 2.2G 2M 800 35W R-0           |
| AS8935G_M96XT1G<br>BCFPbk_V3 | INTEL | C2DP7350 | CPU Intel Core2Dual P7350 PGA 2.0G 3M 1066 25W              |
| AS8935G_M96XT1G<br>BCFPbk_V3 | INTEL | C2DP7450 | CPU Intel Core2Dual P7450 PGA 2.13G 3M 1066 TJ, noVT        |
| AS8935G_M96XT1G<br>BCFPbk_V3 | INTEL | C2DP7550 | CPU Intel Core2Dual P7550 PGA 2.26G 3M 1066 R-0             |
| AS8935G_M96XT1G<br>BCFPbk_V3 | INTEL | C2DP8700 | CPU Intel Core2Dual P8700 PGA 2.53G 3M 1066 25W R-0         |
| AS8935G_M96XT1G<br>BCFPbk_V3 | INTEL | C2DP8800 | CPU Intel Core2Dual P8800 PGA 2.66G 3M 1066 25W R-0         |
| AS8935G_M96XT1G<br>BCFPbk_V3 | INTEL | C2DT9550 | CPU Intel Core2Dual T9550 PGA 2.66G 6M 1066 35W E-0         |
| AS8935G_M96XT1G<br>BCFPbk_V3 | INTEL | C2DP9500 | CPU Intel Core2Dual P9500 PGA 2.53G 6M 1066 25W E-0         |
| AS8935G_M96XT1G<br>BCFPbk_V3 | INTEL | C2DT9600 | CPU Intel Core2Dual T9600 PGA 2.8G 6M 1066 35W E-0          |
| AS8935G_M96XT1G<br>BCFPbk_V3 | INTEL | C2DT9800 | CPU Intel Core2Dual T9800 PGA 2.93G 6M 1066 35W E-0         |
| AS8935G_M96XT1G<br>BCFbk_V3  | INTEL | C2DT6400 | CPU Intel Core2Dual T6400 PGA 2.0G 2M 800 35W R-0 TJ, no VT |
| AS8935G_M96XT1G<br>BCFbk_V3  | INTEL | C2DT6500 | CPU Intel Core2Dual T6500 PGA 2.1G 2M 800 R-0               |
| AS8935G_M96XT1G<br>BCFbk_V3  | INTEL | C2DT6600 | CPU Intel Core2Dual T6600 PGA 2.2G 2M 800 35W R-0           |
| AS8935G_M96XT1G<br>BCFbk_V3  | INTEL | C2DP7350 | CPU Intel Core2Dual P7350 PGA 2.0G 3M 1066 25W              |
| AS8935G_M96XT1G<br>BCFbk_V3  | INTEL | C2DP7450 | CPU Intel Core2Dual P7450 PGA 2.13G 3M 1066 TJ, noVT        |
| AS8935G_M96XT1G<br>BCFbk_V3  | INTEL | C2DP7550 | CPU Intel Core2Dual P7550 PGA 2.26G 3M 1066 R-0             |
| AS8935G_M96XT1G<br>BCFbk_V3  | INTEL | C2DP8700 | CPU Intel Core2Dual P8700 PGA 2.53G 3M 1066 25W R-0         |
| AS8935G_M96XT1G<br>BCFbk_V3  | INTEL | C2DP8800 | CPU Intel Core2Dual P8800 PGA 2.66G 3M 1066 25W R-0         |
| AS8935G_M96XT1G<br>BCFbk_V3  | INTEL | C2DT9550 | CPU Intel Core2Dual T9550 PGA 2.66G 6M 1066 35W E-0         |
| AS8935G_M96XT1G<br>BCFbk_V3  | INTEL | C2DP9500 | CPU Intel Core2Dual P9500 PGA 2.53G 6M 1066 25W E-0         |

| BOM_Name                       | BRAND | Type     | Description                                                 |
|--------------------------------|-------|----------|-------------------------------------------------------------|
| AS8935G_M96XT1G<br>BCFbk_V3    | INTEL | C2DT9600 | CPU Intel Core2Dual T9600 PGA 2.8G 6M 1066 35W E-0          |
| AS8935G_M96XT1G<br>BCFbk_V3    | INTEL | C2DT9800 | CPU Intel Core2Dual T9800 PGA 2.93G 6M 1066 35W E-0         |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | INTEL | C2QQ9000 | CPU Intel Core2Quad Q9000 PGA 2.0G 6M 1066 45W              |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | INTEL | C2DT6400 | CPU Intel Core2Dual T6400 PGA 2.0G 2M 800 35W R-0 TJ, no VT |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | INTEL | C2DT6500 | CPU Intel Core2Dual T6500 PGA 2.1G 2M 800 R-0               |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | INTEL | C2DT6600 | CPU Intel Core2Dual T6600 PGA 2.2G 2M 800 35W R-0           |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | INTEL | C2DP7350 | CPU Intel Core2Dual P7350 PGA 2.0G 3M 1066 25W              |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | INTEL | C2DP7450 | CPU Intel Core2Dual P7450 PGA 2.13G 3M 1066 TJ, noVT        |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | INTEL | C2DP7550 | CPU Intel Core2Dual P7550 PGA 2.26G 3M 1066 R-0             |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | INTEL | C2DP8700 | CPU Intel Core2Dual P8700 PGA 2.53G 3M 1066 25W R-0         |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | INTEL | C2DP8800 | CPU Intel Core2Dual P8800 PGA 2.66G 3M 1066 25W R-0         |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | INTEL | C2DT9550 | CPU Intel Core2Dual T9550 PGA 2.66G 6M 1066 35W E-0         |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | INTEL | C2DP9500 | CPU Intel Core2Dual P9500 PGA 2.53G 6M 1066 25W E-0         |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | INTEL | C2DT9600 | CPU Intel Core2Dual T9600 PGA 2.8G 6M 1066 35W E-0          |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | INTEL | C2DT9800 | CPU Intel Core2Dual T9800 PGA 2.93G 6M 1066 35W E-0         |
| AS8935G_M96XT1G<br>BTCFbk_V3   | INTEL | C2DT6400 | CPU Intel Core2Dual T6400 PGA 2.0G 2M 800 35W R-0 TJ, no VT |
| AS8935G_M96XT1G<br>BTCFbk_V3   | INTEL | C2DT6500 | CPU Intel Core2Dual T6500 PGA 2.1G 2M 800 R-0               |
| AS8935G_M96XT1G<br>BTCFbk_V3   | INTEL | C2DT6600 | CPU Intel Core2Dual T6600 PGA 2.2G 2M 800 35W R-0           |
| AS8935G_M96XT1G<br>BTCFbk_V3   | INTEL | C2DP7350 | CPU Intel Core2Dual P7350 PGA 2.0G 3M 1066 25W              |
| AS8935G_M96XT1G<br>BTCFbk_V3   | INTEL | C2DP7450 | CPU Intel Core2Dual P7450 PGA 2.13G 3M 1066 TJ, noVT        |
| AS8935G_M96XT1G<br>BTCFbk_V3   | INTEL | C2DP7550 | CPU Intel Core2Dual P7550 PGA 2.26G 3M 1066 R-0             |
| AS8935G_M96XT1G<br>BTCFbk_V3   | INTEL | C2DP8700 | CPU Intel Core2Dual P8700 PGA 2.53G 3M 1066 25W R-0         |
| AS8935G_M96XT1G<br>BTCFbk_V3   | INTEL | C2DP8800 | CPU Intel Core2Dual P8800 PGA 2.66G 3M 1066 25W R-0         |
| AS8935G_M96XT1G<br>BTCFbk_V3   | INTEL | C2DT9550 | CPU Intel Core2Dual T9550 PGA 2.66G 6M 1066 35W E-0         |
| AS8935G_M96XT1G<br>BTCFbk_V3   | INTEL | C2DP9500 | CPU Intel Core2Dual P9500 PGA 2.53G 6M 1066 25W E-0         |
| AS8935G_M96XT1G<br>BTCFbk_V3   | INTEL | C2DT9600 | CPU Intel Core2Dual T9600 PGA 2.8G 6M 1066 35W E-0          |
| AS8935G_M96XT1G<br>BTCFbk_V3   | INTEL | C2DT9800 | CPU Intel Core2Dual T9800 PGA 2.93G 6M 1066 35W E-0         |
| AS8935G_N10PGE1<br>1GBCFPbk    | INTEL | C2DT6400 | CPU Intel Core2Dual T6400 PGA 2.0G 2M 800 35W R-0 TJ, no VT |
| AS8935G_N10PGE1<br>1GBCFPbk    | INTEL | C2DT6500 | CPU Intel Core2Dual T6500 PGA 2.1G 2M 800 R-0               |

| BOM_Name                    | BRAND | Type     | Description                                                    |
|-----------------------------|-------|----------|----------------------------------------------------------------|
| AS8935G_N10PGE1<br>1GBCFPbk | INTEL | C2DT6600 | CPU Intel Core2Dual T6600 PGA 2.2G 2M 800 35W R-0              |
| AS8935G_N10PGE1<br>1GBCFPbk | INTEL | C2DP7350 | CPU Intel Core2Dual P7350 PGA 2.0G 3M 1066 25W                 |
| AS8935G_N10PGE1<br>1GBCFPbk | INTEL | C2DP7450 | CPU Intel Core2Dual P7450 PGA 2.13G 3M 1066 TJ,<br>noVT        |
| AS8935G_N10PGE1<br>1GBCFPbk | INTEL | C2DP7550 | CPU Intel Core2Dual P7550 PGA 2.26G 3M 1066 R-0                |
| AS8935G_N10PGE1<br>1GBCFPbk | INTEL | C2DP8700 | CPU Intel Core2Dual P8700 PGA 2.53G 3M 1066 25W R-0            |
| AS8935G_N10PGE1<br>1GBCFPbk | INTEL | C2DT9550 | CPU Intel Core2Dual T9550 PGA 2.66G 6M 1066 35W E-0            |
| AS8935G_N10PGE1<br>1GBCFPbk | INTEL | C2DP9500 | CPU Intel Core2Dual P9500 PGA 2.53G 6M 1066 25W E-0            |
| AS8935G_N10PGE1<br>1GBCFPbk | INTEL | C2DT9600 | CPU Intel Core2Dual T9600 PGA 2.8G 6M 1066 35W E-0             |
| AS8935G_N10PGE1<br>1GBCFPbk | INTEL | C2DT9800 | CPU Intel Core2Dual T9800 PGA 2.93G 6M 1066 35W E-0            |
| AS8935G_N10PGE1<br>1GBCFbk  | INTEL | C2DT6400 | CPU Intel Core2Dual T6400 PGA 2.0G 2M 800 35W R-0<br>TJ, no VT |
| AS8935G_N10PGE1<br>1GBCFbk  | INTEL | C2DT6500 | CPU Intel Core2Dual T6500 PGA 2.1G 2M 800 R-0                  |
| AS8935G_N10PGE1<br>1GBCFbk  | INTEL | C2DT6600 | CPU Intel Core2Dual T6600 PGA 2.2G 2M 800 35W R-0              |
| AS8935G_N10PGE1<br>1GBCFbk  | INTEL | C2DP7350 | CPU Intel Core2Dual P7350 PGA 2.0G 3M 1066 25W                 |
| AS8935G_N10PGE1<br>1GBCFbk  | INTEL | C2DP7450 | CPU Intel Core2Dual P7450 PGA 2.13G 3M 1066 TJ,<br>noVT        |
| AS8935G_N10PGE1<br>1GBCFbk  | INTEL | C2DP7550 | CPU Intel Core2Dual P7550 PGA 2.26G 3M 1066 R-0                |
| AS8935G_N10PGE1<br>1GBCFbk  | INTEL | C2DP8700 | CPU Intel Core2Dual P8700 PGA 2.53G 3M 1066 25W R-0            |
| AS8935G_N10PGE1<br>1GBCFbk  | INTEL | C2DT9550 | CPU Intel Core2Dual T9550 PGA 2.66G 6M 1066 35W E-0            |
| AS8935G_N10PGE1<br>1GBCFbk  | INTEL | C2DP9500 | CPU Intel Core2Dual P9500 PGA 2.53G 6M 1066 25W E-0            |
| AS8935G_N10PGE1<br>1GBCFbk  | INTEL | C2DT9600 | CPU Intel Core2Dual T9600 PGA 2.8G 6M 1066 35W E-0             |
| AS8935G_N10PGE1<br>1GBCFbk  | INTEL | C2DT9800 | CPU Intel Core2Dual T9800 PGA 2.93G 6M 1066 35W E-0            |
| AS8935G_N10PGE1<br>1GBTCbF  | INTEL | C2DT6400 | CPU Intel Core2Dual T6400 PGA 2.0G 2M 800 35W R-0<br>TJ, no VT |
| AS8935G_N10PGE1<br>1GBTCbF  | INTEL | C2DT6500 | CPU Intel Core2Dual T6500 PGA 2.1G 2M 800 R-0                  |
| AS8935G_N10PGE1<br>1GBTCbF  | INTEL | C2DT6600 | CPU Intel Core2Dual T6600 PGA 2.2G 2M 800 35W R-0              |
| AS8935G_N10PGE1<br>1GBTCbF  | INTEL | C2DP7350 | CPU Intel Core2Dual P7350 PGA 2.0G 3M 1066 25W                 |
| AS8935G_N10PGE1<br>1GBTCbF  | INTEL | C2DP7450 | CPU Intel Core2Dual P7450 PGA 2.13G 3M 1066 TJ,<br>noVT        |
| AS8935G_N10PGE1<br>1GBTCbF  | INTEL | C2DP7550 | CPU Intel Core2Dual P7550 PGA 2.26G 3M 1066 R-0                |
| AS8935G_N10PGE1<br>1GBTCbF  | INTEL | C2DP8700 | CPU Intel Core2Dual P8700 PGA 2.53G 3M 1066 25W R-0            |
| AS8935G_N10PGE1<br>1GBTCbF  | INTEL | C2QQ9000 | CPU Intel Core2Quad Q9000 PGA 2.0G 6M 1066 45W                 |
| AS8935G_N10PGE1<br>1GBTCbF  | INTEL | C2DT9550 | CPU Intel Core2Dual T9550 PGA 2.66G 6M 1066 35W E-0            |

| BOM_Name                       | BRAND   | Type        | Description                                                                |
|--------------------------------|---------|-------------|----------------------------------------------------------------------------|
| AS8935G_N10PGE1<br>1GBTCbF     | INTEL   | C2DP9500    | CPU Intel Core2Dual P9500 PGA 2.53G 6M 1066 25W E-0                        |
| AS8935G_N10PGE1<br>1GBTCbF     | INTEL   | C2DT9600    | CPU Intel Core2Dual T9600 PGA 2.8G 6M 1066 35W E-0                         |
| AS8935G_N10PGE1<br>1GBTCbF     | INTEL   | C2DT9800    | CPU Intel Core2Dual T9800 PGA 2.93G 6M 1066 35W E-0                        |
| <b>Finger Print Reader</b>     |         |             |                                                                            |
| AS8935G_M961GBT<br>CbF         | LTT     | SS801U      | LTT Finger Print SS801U                                                    |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  | LTT     | SS801U      | LTT Finger Print SS801U                                                    |
| AS8935G_M96XT1G<br>BCFPbk_V3   | LTT     | SS801U      | LTT Finger Print SS801U                                                    |
| AS8935G_M96XT1G<br>BCFbk_V3    | LTT     | SS801U      | LTT Finger Print SS801U                                                    |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | LTT     | SS801U      | LTT Finger Print SS801U                                                    |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | LTT     | SS801U      | LTT Finger Print SS801U                                                    |
| AS8935G_M96XT1G<br>BTCFbk_V3   | LTT     | SS801U      | LTT Finger Print SS801U                                                    |
| AS8935G_N10PGE1<br>1GBCFPbk    | LTT     | SS801U      | LTT Finger Print SS801U                                                    |
| AS8935G_N10PGE1<br>1GBCFbk     | LTT     | SS801U      | LTT Finger Print SS801U                                                    |
| AS8935G_N10PGE1<br>1GBTCbF     | LTT     | SS801U      | LTT Finger Print SS801U                                                    |
| <b>HDD1</b>                    |         |             |                                                                            |
| AS8935G_M961GBT<br>CbF         | SEAGATE | N160GB5.4KS | HDD SEAGATE 2.5" 5400rpm 160GB ST9160310AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_M961GBT<br>CbF         | TOSHIBA | N160GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 160GB MK1655GSX Libra<br>SATA LF F/W: FG011J      |
| AS8935G_M961GBT<br>CbF         | HGST    | N160GB5.4KS | HDD HGST 2.5" 5400rpm 160GB HTS543216L9A300<br>Falcon-B SATA LF F/W:C40C   |
| AS8935G_M961GBT<br>CbF         | WD      | N160GB5.4KS | HDD WD 2.5" 5400rpm 160GB WD1600BEVT-22ZCTO<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M961GBT<br>CbF         | SEAGATE | N250GB5.4KS | HDD SEAGATE 2.5" 5400rpm 250GB ST9250315AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_M961GBT<br>CbF         | TOSHIBA | N250GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 250GB MK2555GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_M961GBT<br>CbF         | HGST    | N250GB5.4KS | HDD HGST 2.5" 5400rpm 250GB HTS545025B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_M961GBT<br>CbF         | WD      | N250GB5.4KS | HDD WD 2.5" 5400rpm 250GB WD2500BEVT-22ZCTO<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M961GBT<br>CbF         | SEAGATE | N320GB5.4KS | HDD SEAGATE 2.5" 5400rpm 320GB ST9320320AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_M961GBT<br>CbF         | TOSHIBA | N320GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 320GB MK3255GSX Libra<br>SATA LF F/W:FG011J       |
| AS8935G_M961GBT<br>CbF         | HGST    | N320GB5.4KS | HDD HGST 2.5" 5400rpm 320GB HTS545032B9A300<br>Panther B SATA LF F/W: C60F |
| AS8935G_M961GBT<br>CbF         | WD      | N320GB5.4KS | HDD WD 2.5" 5400rpm 320GB WD3200BEVT-22ZCTO<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M961GBT<br>CbF         | SEAGATE | N500GB5.4KS | HDD SEAGATE 2.5" 5400rpm 500GB ST9500325AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_M961GBT<br>CbF         | TOSHIBA | N500GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 500GB MK5055GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_M961GBT<br>CbF         | HGST    | N500GB5.4KS | HDD HGST 2.5" 5400rpm 500GB HTS545050B9A300<br>Panther B SATA LF F/W:C60F  |

| BOM_Name                      | BRAND   | Type        | Description                                                                |
|-------------------------------|---------|-------------|----------------------------------------------------------------------------|
| AS8935G_M961GBT<br>CbF        | WD      | N500GB5.4KS | HDD WD 2.5" 5400rpm 500GB WD5000BEVT-22ZAT0<br>ML250 SATA LF F/W:01.01A01  |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | SEAGATE | N160GB5.4KS | HDD SEAGATE 2.5" 5400rpm 160GB ST9160310AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | TOSHIBA | N160GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 160GB MK1655GSX Libra<br>SATA LF F/W: FG011J      |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | HGST    | N160GB5.4KS | HDD HGST 2.5" 5400rpm 160GB HTS543216L9A300<br>Falcon-B SATA LF F/W:C40C   |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | WD      | N160GB5.4KS | HDD WD 2.5" 5400rpm 160GB WD1600BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | SEAGATE | N250GB5.4KS | HDD SEAGATE 2.5" 5400rpm 250GB ST9250315AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | TOSHIBA | N250GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 250GB MK2555GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | HGST    | N250GB5.4KS | HDD HGST 2.5" 5400rpm 250GB HTS545025B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | WD      | N250GB5.4KS | HDD WD 2.5" 5400rpm 250GB WD2500BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | SEAGATE | N320GB5.4KS | HDD SEAGATE 2.5" 5400rpm 320GB ST9320320AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | TOSHIBA | N320GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 320GB MK3255GSX Libra<br>SATA LF F/W:FG011J       |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | HGST    | N320GB5.4KS | HDD HGST 2.5" 5400rpm 320GB HTS545032B9A300<br>Panther B SATA LF F/W: C60F |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | WD      | N320GB5.4KS | HDD WD 2.5" 5400rpm 320GB WD3200BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | SEAGATE | N500GB5.4KS | HDD SEAGATE 2.5" 5400rpm 500GB ST9500325AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | TOSHIBA | N500GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 500GB MK5055GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | HGST    | N500GB5.4KS | HDD HGST 2.5" 5400rpm 500GB HTS545050B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | WD      | N500GB5.4KS | HDD WD 2.5" 5400rpm 500GB WD5000BEVT-22ZAT0<br>ML250 SATA LF F/W:01.01A01  |
| AS8935G_M96XT1G<br>BCFPbk_V3  | SEAGATE | N160GB5.4KS | HDD SEAGATE 2.5" 5400rpm 160GB ST9160310AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_M96XT1G<br>BCFPbk_V3  | TOSHIBA | N160GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 160GB MK1655GSX Libra<br>SATA LF F/W: FG011J      |
| AS8935G_M96XT1G<br>BCFPbk_V3  | HGST    | N160GB5.4KS | HDD HGST 2.5" 5400rpm 160GB HTS543216L9A300<br>Falcon-B SATA LF F/W:C40C   |
| AS8935G_M96XT1G<br>BCFPbk_V3  | WD      | N160GB5.4KS | HDD WD 2.5" 5400rpm 160GB WD1600BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M96XT1G<br>BCFPbk_V3  | SEAGATE | N250GB5.4KS | HDD SEAGATE 2.5" 5400rpm 250GB ST9250315AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_M96XT1G<br>BCFPbk_V3  | TOSHIBA | N250GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 250GB MK2555GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_M96XT1G<br>BCFPbk_V3  | HGST    | N250GB5.4KS | HDD HGST 2.5" 5400rpm 250GB HTS545025B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_M96XT1G<br>BCFPbk_V3  | WD      | N250GB5.4KS | HDD WD 2.5" 5400rpm 250GB WD2500BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M96XT1G<br>BCFPbk_V3  | SEAGATE | N320GB5.4KS | HDD SEAGATE 2.5" 5400rpm 320GB ST9320320AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_M96XT1G<br>BCFPbk_V3  | TOSHIBA | N320GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 320GB MK3255GSX Libra<br>SATA LF F/W:FG011J       |
| AS8935G_M96XT1G<br>BCFPbk_V3  | HGST    | N320GB5.4KS | HDD HGST 2.5" 5400rpm 320GB HTS545032B9A300<br>Panther B SATA LF F/W: C60F |
| AS8935G_M96XT1G<br>BCFPbk_V3  | WD      | N320GB5.4KS | HDD WD 2.5" 5400rpm 320GB WD3200BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |

| BOM_Name                       | BRAND   | Type        | Description                                                                |
|--------------------------------|---------|-------------|----------------------------------------------------------------------------|
| AS8935G_M96XT1G<br>BCFPbk_V3   | SEAGATE | N500GB5.4KS | HDD SEAGATE 2.5" 5400rpm 500GB ST9500325AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_M96XT1G<br>BCFPbk_V3   | TOSHIBA | N500GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 500GB MK5055GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_M96XT1G<br>BCFPbk_V3   | HGST    | N500GB5.4KS | HDD HGST 2.5" 5400rpm 500GB HTS545050B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_M96XT1G<br>BCFPbk_V3   | WD      | N500GB5.4KS | HDD WD 2.5" 5400rpm 500GB WD5000BEVT-22ZAT0<br>ML250 SATA LF F/W:01.01A01  |
| AS8935G_M96XT1G<br>BCFbk_V3    | SEAGATE | N160GB5.4KS | HDD SEAGATE 2.5" 5400rpm 160GB ST9160310AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_M96XT1G<br>BCFbk_V3    | TOSHIBA | N160GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 160GB MK1655GSX Libra<br>SATA LF F/W: FG011J      |
| AS8935G_M96XT1G<br>BCFbk_V3    | HGST    | N160GB5.4KS | HDD HGST 2.5" 5400rpm 160GB HTS543216L9A300<br>Falcon-B SATA LF F/W:C40C   |
| AS8935G_M96XT1G<br>BCFbk_V3    | WD      | N160GB5.4KS | HDD WD 2.5" 5400rpm 160GB WD1600BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M96XT1G<br>BCFbk_V3    | SEAGATE | N250GB5.4KS | HDD SEAGATE 2.5" 5400rpm 250GB ST9250315AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_M96XT1G<br>BCFbk_V3    | TOSHIBA | N250GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 250GB MK2555GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_M96XT1G<br>BCFbk_V3    | HGST    | N250GB5.4KS | HDD HGST 2.5" 5400rpm 250GB HTS545025B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_M96XT1G<br>BCFbk_V3    | WD      | N250GB5.4KS | HDD WD 2.5" 5400rpm 250GB WD2500BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M96XT1G<br>BCFbk_V3    | SEAGATE | N320GB5.4KS | HDD SEAGATE 2.5" 5400rpm 320GB ST9320320AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_M96XT1G<br>BCFbk_V3    | TOSHIBA | N320GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 320GB MK3255GSX Libra<br>SATA LF F/W:FG011J       |
| AS8935G_M96XT1G<br>BCFbk_V3    | HGST    | N320GB5.4KS | HDD HGST 2.5" 5400rpm 320GB HTS545032B9A300<br>Panther B SATA LF F/W: C60F |
| AS8935G_M96XT1G<br>BCFbk_V3    | WD      | N320GB5.4KS | HDD WD 2.5" 5400rpm 320GB WD3200BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M96XT1G<br>BCFbk_V3    | SEAGATE | N500GB5.4KS | HDD SEAGATE 2.5" 5400rpm 500GB ST9500325AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_M96XT1G<br>BCFbk_V3    | TOSHIBA | N500GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 500GB MK5055GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_M96XT1G<br>BCFbk_V3    | HGST    | N500GB5.4KS | HDD HGST 2.5" 5400rpm 500GB HTS545050B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_M96XT1G<br>BCFbk_V3    | WD      | N500GB5.4KS | HDD WD 2.5" 5400rpm 500GB WD5000BEVT-22ZAT0<br>ML250 SATA LF F/W:01.01A01  |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | SEAGATE | N160GB5.4KS | HDD SEAGATE 2.5" 5400rpm 160GB ST9160310AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | TOSHIBA | N160GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 160GB MK1655GSX Libra<br>SATA LF F/W: FG011J      |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | HGST    | N160GB5.4KS | HDD HGST 2.5" 5400rpm 160GB HTS543216L9A300<br>Falcon-B SATA LF F/W:C40C   |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | WD      | N160GB5.4KS | HDD WD 2.5" 5400rpm 160GB WD1600BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | SEAGATE | N250GB5.4KS | HDD SEAGATE 2.5" 5400rpm 250GB ST9250315AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | TOSHIBA | N250GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 250GB MK2555GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | HGST    | N250GB5.4KS | HDD HGST 2.5" 5400rpm 250GB HTS545025B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | WD      | N250GB5.4KS | HDD WD 2.5" 5400rpm 250GB WD2500BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | SEAGATE | N320GB5.4KS | HDD SEAGATE 2.5" 5400rpm 320GB ST9320320AS<br>Crockett SATA LF F/W:0303    |

| BOM_Name                       | BRAND   | Type        | Description                                                                |
|--------------------------------|---------|-------------|----------------------------------------------------------------------------|
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | TOSHIBA | N320GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 320GB MK3255GSX Libra<br>SATA LF F/W:FG011J       |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | HGST    | N320GB5.4KS | HDD HGST 2.5" 5400rpm 320GB HTS545032B9A300<br>Panther B SATA LF F/W: C60F |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | WD      | N320GB5.4KS | HDD WD 2.5" 5400rpm 320GB WD3200BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | SEAGATE | N500GB5.4KS | HDD SEAGATE 2.5" 5400rpm 500GB ST9500325AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | TOSHIBA | N500GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 500GB MK5055GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | HGST    | N500GB5.4KS | HDD HGST 2.5" 5400rpm 500GB HTS545050B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | WD      | N500GB5.4KS | HDD WD 2.5" 5400rpm 500GB WD5000BEVT-22ZAT0<br>ML250 SATA LF F/W:01.01A01  |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | SEAGATE | N160GB5.4KS | HDD SEAGATE 2.5" 5400rpm 160GB ST9160310AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | TOSHIBA | N160GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 160GB MK1655GSX Libra<br>SATA LF F/W: FG011J      |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | HGST    | N160GB5.4KS | HDD HGST 2.5" 5400rpm 160GB HTS543216L9A300<br>Falcon-B SATA LF F/W:C40C   |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | WD      | N160GB5.4KS | HDD WD 2.5" 5400rpm 160GB WD1600BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | SEAGATE | N250GB5.4KS | HDD SEAGATE 2.5" 5400rpm 250GB ST9250315AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | TOSHIBA | N250GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 250GB MK2555GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | HGST    | N250GB5.4KS | HDD HGST 2.5" 5400rpm 250GB HTS545025B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | WD      | N250GB5.4KS | HDD WD 2.5" 5400rpm 250GB WD2500BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | SEAGATE | N320GB5.4KS | HDD SEAGATE 2.5" 5400rpm 320GB ST9320320AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | TOSHIBA | N320GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 320GB MK3255GSX Libra<br>SATA LF F/W:FG011J       |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | HGST    | N320GB5.4KS | HDD HGST 2.5" 5400rpm 320GB HTS545032B9A300<br>Panther B SATA LF F/W: C60F |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | WD      | N320GB5.4KS | HDD WD 2.5" 5400rpm 320GB WD3200BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | SEAGATE | N500GB5.4KS | HDD SEAGATE 2.5" 5400rpm 500GB ST9500325AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | TOSHIBA | N500GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 500GB MK5055GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | HGST    | N500GB5.4KS | HDD HGST 2.5" 5400rpm 500GB HTS545050B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | WD      | N500GB5.4KS | HDD WD 2.5" 5400rpm 500GB WD5000BEVT-22ZAT0<br>ML250 SATA LF F/W:01.01A01  |
| AS8935G_M96XT1G<br>BTCFbk_V3   | SEAGATE | N160GB5.4KS | HDD SEAGATE 2.5" 5400rpm 160GB ST9160310AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_M96XT1G<br>BTCFbk_V3   | TOSHIBA | N160GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 160GB MK1655GSX Libra<br>SATA LF F/W: FG011J      |
| AS8935G_M96XT1G<br>BTCFbk_V3   | HGST    | N160GB5.4KS | HDD HGST 2.5" 5400rpm 160GB HTS543216L9A300<br>Falcon-B SATA LF F/W:C40C   |
| AS8935G_M96XT1G<br>BTCFbk_V3   | WD      | N160GB5.4KS | HDD WD 2.5" 5400rpm 160GB WD1600BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M96XT1G<br>BTCFbk_V3   | SEAGATE | N250GB5.4KS | HDD SEAGATE 2.5" 5400rpm 250GB ST9250315AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_M96XT1G<br>BTCFbk_V3   | TOSHIBA | N250GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 250GB MK2555GSX Libra<br>SATA LF F/W:FG001J       |

| BOM_Name                     | BRAND   | Type        | Description                                                                |
|------------------------------|---------|-------------|----------------------------------------------------------------------------|
| AS8935G_M96XT1G<br>BTCFbk_V3 | HGST    | N250GB5.4KS | HDD HGST 2.5" 5400rpm 250GB HTS545025B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_M96XT1G<br>BTCFbk_V3 | WD      | N250GB5.4KS | HDD WD 2.5" 5400rpm 250GB WD2500BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M96XT1G<br>BTCFbk_V3 | SEAGATE | N320GB5.4KS | HDD SEAGATE 2.5" 5400rpm 320GB ST9320320AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_M96XT1G<br>BTCFbk_V3 | TOSHIBA | N320GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 320GB MK3255GSX Libra<br>SATA LF F/W:FG011J       |
| AS8935G_M96XT1G<br>BTCFbk_V3 | HGST    | N320GB5.4KS | HDD HGST 2.5" 5400rpm 320GB HTS545032B9A300<br>Panther B SATA LF F/W: C60F |
| AS8935G_M96XT1G<br>BTCFbk_V3 | WD      | N320GB5.4KS | HDD WD 2.5" 5400rpm 320GB WD3200BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M96XT1G<br>BTCFbk_V3 | SEAGATE | N500GB5.4KS | HDD SEAGATE 2.5" 5400rpm 500GB ST9500325AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_M96XT1G<br>BTCFbk_V3 | TOSHIBA | N500GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 500GB MK5055GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_M96XT1G<br>BTCFbk_V3 | HGST    | N500GB5.4KS | HDD HGST 2.5" 5400rpm 500GB HTS545050B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_M96XT1G<br>BTCFbk_V3 | WD      | N500GB5.4KS | HDD WD 2.5" 5400rpm 500GB WD5000BEVT-22ZAT0<br>ML250 SATA LF F/W:01.01A01  |
| AS8935G_N10PGE1<br>1GBCFPbk  | SEAGATE | N160GB5.4KS | HDD SEAGATE 2.5" 5400rpm 160GB ST9160310AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_N10PGE1<br>1GBCFPbk  | TOSHIBA | N160GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 160GB MK1655GSX Libra<br>SATA LF F/W: FG011J      |
| AS8935G_N10PGE1<br>1GBCFPbk  | HGST    | N160GB5.4KS | HDD HGST 2.5" 5400rpm 160GB HTS543216L9A300<br>Falcon-B SATA LF F/W:C40C   |
| AS8935G_N10PGE1<br>1GBCFPbk  | WD      | N160GB5.4KS | HDD WD 2.5" 5400rpm 160GB WD1600BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_N10PGE1<br>1GBCFPbk  | SEAGATE | N250GB5.4KS | HDD SEAGATE 2.5" 5400rpm 250GB ST9250315AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_N10PGE1<br>1GBCFPbk  | TOSHIBA | N250GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 250GB MK2555GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_N10PGE1<br>1GBCFPbk  | HGST    | N250GB5.4KS | HDD HGST 2.5" 5400rpm 250GB HTS545025B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_N10PGE1<br>1GBCFPbk  | WD      | N250GB5.4KS | HDD WD 2.5" 5400rpm 250GB WD2500BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_N10PGE1<br>1GBCFPbk  | SEAGATE | N320GB5.4KS | HDD SEAGATE 2.5" 5400rpm 320GB ST9320320AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_N10PGE1<br>1GBCFPbk  | TOSHIBA | N320GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 320GB MK3255GSX Libra<br>SATA LF F/W:FG011J       |
| AS8935G_N10PGE1<br>1GBCFPbk  | HGST    | N320GB5.4KS | HDD HGST 2.5" 5400rpm 320GB HTS545032B9A300<br>Panther B SATA LF F/W: C60F |
| AS8935G_N10PGE1<br>1GBCFPbk  | WD      | N320GB5.4KS | HDD WD 2.5" 5400rpm 320GB WD3200BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_N10PGE1<br>1GBCFPbk  | SEAGATE | N500GB5.4KS | HDD SEAGATE 2.5" 5400rpm 500GB ST9500325AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_N10PGE1<br>1GBCFPbk  | TOSHIBA | N500GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 500GB MK5055GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_N10PGE1<br>1GBCFPbk  | HGST    | N500GB5.4KS | HDD HGST 2.5" 5400rpm 500GB HTS545050B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_N10PGE1<br>1GBCFPbk  | WD      | N500GB5.4KS | HDD WD 2.5" 5400rpm 500GB WD5000BEVT-22ZAT0<br>ML250 SATA LF F/W:01.01A01  |
| AS8935G_N10PGE1<br>1GBCFbk   | SEAGATE | N160GB5.4KS | HDD SEAGATE 2.5" 5400rpm 160GB ST9160310AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_N10PGE1<br>1GBCFbk   | TOSHIBA | N160GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 160GB MK1655GSX Libra<br>SATA LF F/W: FG011J      |
| AS8935G_N10PGE1<br>1GBCFbk   | HGST    | N160GB5.4KS | HDD HGST 2.5" 5400rpm 160GB HTS543216L9A300<br>Falcon-B SATA LF F/W:C40C   |

| BOM_Name                   | BRAND   | Type        | Description                                                                |
|----------------------------|---------|-------------|----------------------------------------------------------------------------|
| AS8935G_N10PGE1<br>1GBCFbk | WD      | N160GB5.4KS | HDD WD 2.5" 5400rpm 160GB WD1600BEVT-22ZCTO<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_N10PGE1<br>1GBCFbk | SEAGATE | N250GB5.4KS | HDD SEAGATE 2.5" 5400rpm 250GB ST9250315AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_N10PGE1<br>1GBCFbk | TOSHIBA | N250GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 250GB MK2555GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_N10PGE1<br>1GBCFbk | HGST    | N250GB5.4KS | HDD HGST 2.5" 5400rpm 250GB HTS545025B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_N10PGE1<br>1GBCFbk | WD      | N250GB5.4KS | HDD WD 2.5" 5400rpm 250GB WD2500BEVT-22ZCTO<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_N10PGE1<br>1GBCFbk | SEAGATE | N320GB5.4KS | HDD SEAGATE 2.5" 5400rpm 320GB ST9320320AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_N10PGE1<br>1GBCFbk | TOSHIBA | N320GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 320GB MK3255GSX Libra<br>SATA LF F/W:FG011J       |
| AS8935G_N10PGE1<br>1GBCFbk | HGST    | N320GB5.4KS | HDD HGST 2.5" 5400rpm 320GB HTS545032B9A300<br>Panther B SATA LF F/W: C60F |
| AS8935G_N10PGE1<br>1GBCFbk | WD      | N320GB5.4KS | HDD WD 2.5" 5400rpm 320GB WD3200BEVT-22ZCTO<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_N10PGE1<br>1GBCFbk | SEAGATE | N500GB5.4KS | HDD SEAGATE 2.5" 5400rpm 500GB ST9500325AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_N10PGE1<br>1GBCFbk | TOSHIBA | N500GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 500GB MK5055GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_N10PGE1<br>1GBCFbk | HGST    | N500GB5.4KS | HDD HGST 2.5" 5400rpm 500GB HTS545050B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_N10PGE1<br>1GBCFbk | WD      | N500GB5.4KS | HDD WD 2.5" 5400rpm 500GB WD5000BEVT-22ZAT0<br>ML250 SATA LF F/W:01.01A01  |
| AS8935G_N10PGE1<br>1GBTCbF | SEAGATE | N160GB5.4KS | HDD SEAGATE 2.5" 5400rpm 160GB ST9160310AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_N10PGE1<br>1GBTCbF | TOSHIBA | N160GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 160GB MK1655GSX Libra<br>SATA LF F/W: FG011J      |
| AS8935G_N10PGE1<br>1GBTCbF | HGST    | N160GB5.4KS | HDD HGST 2.5" 5400rpm 160GB HTS543216L9A300<br>Falcon-B SATA LF F/W:C40C   |
| AS8935G_N10PGE1<br>1GBTCbF | WD      | N160GB5.4KS | HDD WD 2.5" 5400rpm 160GB WD1600BEVT-22ZCTO<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_N10PGE1<br>1GBTCbF | SEAGATE | N250GB5.4KS | HDD SEAGATE 2.5" 5400rpm 250GB ST9250315AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_N10PGE1<br>1GBTCbF | TOSHIBA | N250GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 250GB MK2555GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_N10PGE1<br>1GBTCbF | HGST    | N250GB5.4KS | HDD HGST 2.5" 5400rpm 250GB HTS545025B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_N10PGE1<br>1GBTCbF | WD      | N250GB5.4KS | HDD WD 2.5" 5400rpm 250GB WD2500BEVT-22ZCTO<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_N10PGE1<br>1GBTCbF | SEAGATE | N320GB5.4KS | HDD SEAGATE 2.5" 5400rpm 320GB ST9320320AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_N10PGE1<br>1GBTCbF | TOSHIBA | N320GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 320GB MK3255GSX Libra<br>SATA LF F/W:FG011J       |
| AS8935G_N10PGE1<br>1GBTCbF | HGST    | N320GB5.4KS | HDD HGST 2.5" 5400rpm 320GB HTS545032B9A300<br>Panther B SATA LF F/W: C60F |
| AS8935G_N10PGE1<br>1GBTCbF | WD      | N320GB5.4KS | HDD WD 2.5" 5400rpm 320GB WD3200BEVT-22ZCTO<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_N10PGE1<br>1GBTCbF | SEAGATE | N500GB5.4KS | HDD SEAGATE 2.5" 5400rpm 500GB ST9500325AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_N10PGE1<br>1GBTCbF | TOSHIBA | N500GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 500GB MK5055GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_N10PGE1<br>1GBTCbF | HGST    | N500GB5.4KS | HDD HGST 2.5" 5400rpm 500GB HTS545050B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_N10PGE1<br>1GBTCbF | WD      | N500GB5.4KS | HDD WD 2.5" 5400rpm 500GB WD5000BEVT-22ZAT0<br>ML250 SATA LF F/W:01.01A01  |

**HDD2**

| BOM_Name                      | BRAND   | Type        | Description                                                                |
|-------------------------------|---------|-------------|----------------------------------------------------------------------------|
| AS8935G_M961GBT<br>CbF        | SEAGATE | N160GB5.4KS | HDD SEAGATE 2.5" 5400rpm 160GB ST9160310AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_M961GBT<br>CbF        | TOSHIBA | N160GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 160GB MK1655GSX Libra<br>SATA LF F/W: FG011J      |
| AS8935G_M961GBT<br>CbF        | HGST    | N160GB5.4KS | HDD HGST 2.5" 5400rpm 160GB HTS543216L9A300<br>Falcon-B SATA LF F/W:C40C   |
| AS8935G_M961GBT<br>CbF        | WD      | N160GB5.4KS | HDD WD 2.5" 5400rpm 160GB WD1600BEVT-22ZCTO<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M961GBT<br>CbF        | SEAGATE | N250GB5.4KS | HDD SEAGATE 2.5" 5400rpm 250GB ST9250315AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_M961GBT<br>CbF        | TOSHIBA | N250GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 250GB MK2555GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_M961GBT<br>CbF        | HGST    | N250GB5.4KS | HDD HGST 2.5" 5400rpm 250GB HTS545025B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_M961GBT<br>CbF        | WD      | N250GB5.4KS | HDD WD 2.5" 5400rpm 250GB WD2500BEVT-22ZCTO<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M961GBT<br>CbF        | SEAGATE | N320GB5.4KS | HDD SEAGATE 2.5" 5400rpm 320GB ST9320320AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_M961GBT<br>CbF        | TOSHIBA | N320GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 320GB MK3255GSX Libra<br>SATA LF F/W:FG011J       |
| AS8935G_M961GBT<br>CbF        | HGST    | N320GB5.4KS | HDD HGST 2.5" 5400rpm 320GB HTS545032B9A300<br>Panther B SATA LF F/W: C60F |
| AS8935G_M961GBT<br>CbF        | WD      | N320GB5.4KS | HDD WD 2.5" 5400rpm 320GB WD3200BEVT-22ZCTO<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M961GBT<br>CbF        | SEAGATE | N500GB5.4KS | HDD SEAGATE 2.5" 5400rpm 500GB ST9500325AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_M961GBT<br>CbF        | TOSHIBA | N500GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 500GB MK5055GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_M961GBT<br>CbF        | HGST    | N500GB5.4KS | HDD HGST 2.5" 5400rpm 500GB HTS545050B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_M961GBT<br>CbF        | WD      | N500GB5.4KS | HDD WD 2.5" 5400rpm 500GB WD5000BEVT-22ZAT0<br>ML250 SATA LF F/W:01.01A01  |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | SEAGATE | N160GB5.4KS | HDD SEAGATE 2.5" 5400rpm 160GB ST9160310AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | TOSHIBA | N160GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 160GB MK1655GSX Libra<br>SATA LF F/W: FG011J      |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | HGST    | N160GB5.4KS | HDD HGST 2.5" 5400rpm 160GB HTS543216L9A300<br>Falcon-B SATA LF F/W:C40C   |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | WD      | N160GB5.4KS | HDD WD 2.5" 5400rpm 160GB WD1600BEVT-22ZCTO<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | SEAGATE | N250GB5.4KS | HDD SEAGATE 2.5" 5400rpm 250GB ST9250315AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | TOSHIBA | N250GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 250GB MK2555GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | HGST    | N250GB5.4KS | HDD HGST 2.5" 5400rpm 250GB HTS545025B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | WD      | N250GB5.4KS | HDD WD 2.5" 5400rpm 250GB WD2500BEVT-22ZCTO<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | SEAGATE | N320GB5.4KS | HDD SEAGATE 2.5" 5400rpm 320GB ST9320320AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | TOSHIBA | N320GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 320GB MK3255GSX Libra<br>SATA LF F/W:FG011J       |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | HGST    | N320GB5.4KS | HDD HGST 2.5" 5400rpm 320GB HTS545032B9A300<br>Panther B SATA LF F/W: C60F |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | WD      | N320GB5.4KS | HDD WD 2.5" 5400rpm 320GB WD3200BEVT-22ZCTO<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | SEAGATE | N500GB5.4KS | HDD SEAGATE 2.5" 5400rpm 500GB ST9500325AS<br>Wyatt SATA LF F/W:0001SDM1   |

| BOM_Name                      | BRAND   | Type        | Description                                                                |
|-------------------------------|---------|-------------|----------------------------------------------------------------------------|
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | TOSHIBA | N500GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 500GB MK5055GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | HGST    | N500GB5.4KS | HDD HGST 2.5" 5400rpm 500GB HTS545050B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | WD      | N500GB5.4KS | HDD WD 2.5" 5400rpm 500GB WD5000BEVT-22ZAT0<br>ML250 SATA LF F/W:01.01A01  |
| AS8935G_M96XT1G<br>BCFPbk_V3  | SEAGATE | N160GB5.4KS | HDD SEAGATE 2.5" 5400rpm 160GB ST9160310AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_M96XT1G<br>BCFPbk_V3  | TOSHIBA | N160GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 160GB MK1655GSX Libra<br>SATA LF F/W: FG011J      |
| AS8935G_M96XT1G<br>BCFPbk_V3  | HGST    | N160GB5.4KS | HDD HGST 2.5" 5400rpm 160GB HTS543216L9A300<br>Falcon-B SATA LF F/W:C40C   |
| AS8935G_M96XT1G<br>BCFPbk_V3  | WD      | N160GB5.4KS | HDD WD 2.5" 5400rpm 160GB WD1600BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M96XT1G<br>BCFPbk_V3  | SEAGATE | N250GB5.4KS | HDD SEAGATE 2.5" 5400rpm 250GB ST9250315AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_M96XT1G<br>BCFPbk_V3  | TOSHIBA | N250GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 250GB MK2555GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_M96XT1G<br>BCFPbk_V3  | HGST    | N250GB5.4KS | HDD HGST 2.5" 5400rpm 250GB HTS545025B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_M96XT1G<br>BCFPbk_V3  | WD      | N250GB5.4KS | HDD WD 2.5" 5400rpm 250GB WD2500BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M96XT1G<br>BCFPbk_V3  | SEAGATE | N320GB5.4KS | HDD SEAGATE 2.5" 5400rpm 320GB ST9320320AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_M96XT1G<br>BCFPbk_V3  | TOSHIBA | N320GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 320GB MK3255GSX Libra<br>SATA LF F/W:FG011J       |
| AS8935G_M96XT1G<br>BCFPbk_V3  | HGST    | N320GB5.4KS | HDD HGST 2.5" 5400rpm 320GB HTS545032B9A300<br>Panther B SATA LF F/W: C60F |
| AS8935G_M96XT1G<br>BCFPbk_V3  | WD      | N320GB5.4KS | HDD WD 2.5" 5400rpm 320GB WD3200BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M96XT1G<br>BCFPbk_V3  | SEAGATE | N500GB5.4KS | HDD SEAGATE 2.5" 5400rpm 500GB ST9500325AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_M96XT1G<br>BCFPbk_V3  | TOSHIBA | N500GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 500GB MK5055GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_M96XT1G<br>BCFPbk_V3  | HGST    | N500GB5.4KS | HDD HGST 2.5" 5400rpm 500GB HTS545050B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_M96XT1G<br>BCFPbk_V3  | WD      | N500GB5.4KS | HDD WD 2.5" 5400rpm 500GB WD5000BEVT-22ZAT0<br>ML250 SATA LF F/W:01.01A01  |
| AS8935G_M96XT1G<br>BCFbk_V3   | SEAGATE | N160GB5.4KS | HDD SEAGATE 2.5" 5400rpm 160GB ST9160310AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_M96XT1G<br>BCFbk_V3   | TOSHIBA | N160GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 160GB MK1655GSX Libra<br>SATA LF F/W: FG011J      |
| AS8935G_M96XT1G<br>BCFbk_V3   | HGST    | N160GB5.4KS | HDD HGST 2.5" 5400rpm 160GB HTS543216L9A300<br>Falcon-B SATA LF F/W:C40C   |
| AS8935G_M96XT1G<br>BCFbk_V3   | WD      | N160GB5.4KS | HDD WD 2.5" 5400rpm 160GB WD1600BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M96XT1G<br>BCFbk_V3   | SEAGATE | N250GB5.4KS | HDD SEAGATE 2.5" 5400rpm 250GB ST9250315AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_M96XT1G<br>BCFbk_V3   | TOSHIBA | N250GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 250GB MK2555GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_M96XT1G<br>BCFbk_V3   | HGST    | N250GB5.4KS | HDD HGST 2.5" 5400rpm 250GB HTS545025B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_M96XT1G<br>BCFbk_V3   | WD      | N250GB5.4KS | HDD WD 2.5" 5400rpm 250GB WD2500BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M96XT1G<br>BCFbk_V3   | SEAGATE | N320GB5.4KS | HDD SEAGATE 2.5" 5400rpm 320GB ST9320320AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_M96XT1G<br>BCFbk_V3   | TOSHIBA | N320GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 320GB MK3255GSX Libra<br>SATA LF F/W:FG011J       |

| BOM_Name                       | BRAND   | Type        | Description                                                                |
|--------------------------------|---------|-------------|----------------------------------------------------------------------------|
| AS8935G_M96XT1G<br>BCFbk_V3    | HGST    | N320GB5.4KS | HDD HGST 2.5" 5400rpm 320GB HTS545032B9A300<br>Panther B SATA LF F/W: C60F |
| AS8935G_M96XT1G<br>BCFbk_V3    | WD      | N320GB5.4KS | HDD WD 2.5" 5400rpm 320GB WD3200BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M96XT1G<br>BCFbk_V3    | SEAGATE | N500GB5.4KS | HDD SEAGATE 2.5" 5400rpm 500GB ST9500325AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_M96XT1G<br>BCFbk_V3    | TOSHIBA | N500GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 500GB MK5055GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_M96XT1G<br>BCFbk_V3    | HGST    | N500GB5.4KS | HDD HGST 2.5" 5400rpm 500GB HTS545050B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_M96XT1G<br>BCFbk_V3    | WD      | N500GB5.4KS | HDD WD 2.5" 5400rpm 500GB WD5000BEVT-22ZAT0<br>ML250 SATA LF F/W:01.01A01  |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | SEAGATE | N160GB5.4KS | HDD SEAGATE 2.5" 5400rpm 160GB ST9160310AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | TOSHIBA | N160GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 160GB MK1655GSX Libra<br>SATA LF F/W: FG011J      |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | HGST    | N160GB5.4KS | HDD HGST 2.5" 5400rpm 160GB HTS543216L9A300<br>Falcon-B SATA LF F/W:C40C   |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | WD      | N160GB5.4KS | HDD WD 2.5" 5400rpm 160GB WD1600BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | SEAGATE | N250GB5.4KS | HDD SEAGATE 2.5" 5400rpm 250GB ST9250315AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | TOSHIBA | N250GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 250GB MK2555GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | HGST    | N250GB5.4KS | HDD HGST 2.5" 5400rpm 250GB HTS545025B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | WD      | N250GB5.4KS | HDD WD 2.5" 5400rpm 250GB WD2500BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | SEAGATE | N320GB5.4KS | HDD SEAGATE 2.5" 5400rpm 320GB ST9320320AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | TOSHIBA | N320GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 320GB MK3255GSX Libra<br>SATA LF F/W:FG011J       |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | HGST    | N320GB5.4KS | HDD HGST 2.5" 5400rpm 320GB HTS545032B9A300<br>Panther B SATA LF F/W: C60F |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | WD      | N320GB5.4KS | HDD WD 2.5" 5400rpm 320GB WD3200BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | SEAGATE | N500GB5.4KS | HDD SEAGATE 2.5" 5400rpm 500GB ST9500325AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | TOSHIBA | N500GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 500GB MK5055GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | HGST    | N500GB5.4KS | HDD HGST 2.5" 5400rpm 500GB HTS545050B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | WD      | N500GB5.4KS | HDD WD 2.5" 5400rpm 500GB WD5000BEVT-22ZAT0<br>ML250 SATA LF F/W:01.01A01  |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | SEAGATE | N160GB5.4KS | HDD SEAGATE 2.5" 5400rpm 160GB ST9160310AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | TOSHIBA | N160GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 160GB MK1655GSX Libra<br>SATA LF F/W: FG011J      |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | HGST    | N160GB5.4KS | HDD HGST 2.5" 5400rpm 160GB HTS543216L9A300<br>Falcon-B SATA LF F/W:C40C   |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | WD      | N160GB5.4KS | HDD WD 2.5" 5400rpm 160GB WD1600BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | SEAGATE | N250GB5.4KS | HDD SEAGATE 2.5" 5400rpm 250GB ST9250315AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | TOSHIBA | N250GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 250GB MK2555GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | HGST    | N250GB5.4KS | HDD HGST 2.5" 5400rpm 250GB HTS545025B9A300<br>Panther B SATA LF F/W:C60F  |

| BOM_Name                      | BRAND   | Type        | Description                                                                |
|-------------------------------|---------|-------------|----------------------------------------------------------------------------|
| AS8935G_M96XT1G<br>BTCFPbk_V3 | WD      | N250GB5.4KS | HDD WD 2.5" 5400rpm 250GB WD2500BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M96XT1G<br>BTCFPbk_V3 | SEAGATE | N320GB5.4KS | HDD SEAGATE 2.5" 5400rpm 320GB ST9320320AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_M96XT1G<br>BTCFPbk_V3 | TOSHIBA | N320GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 320GB MK3255GSX Libra<br>SATA LF F/W:FG011J       |
| AS8935G_M96XT1G<br>BTCFPbk_V3 | HGST    | N320GB5.4KS | HDD HGST 2.5" 5400rpm 320GB HTS545032B9A300<br>Panther B SATA LF F/W: C60F |
| AS8935G_M96XT1G<br>BTCFPbk_V3 | WD      | N320GB5.4KS | HDD WD 2.5" 5400rpm 320GB WD3200BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M96XT1G<br>BTCFPbk_V3 | SEAGATE | N500GB5.4KS | HDD SEAGATE 2.5" 5400rpm 500GB ST9500325AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_M96XT1G<br>BTCFPbk_V3 | TOSHIBA | N500GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 500GB MK5055GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_M96XT1G<br>BTCFPbk_V3 | HGST    | N500GB5.4KS | HDD HGST 2.5" 5400rpm 500GB HTS545050B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_M96XT1G<br>BTCFPbk_V3 | WD      | N500GB5.4KS | HDD WD 2.5" 5400rpm 500GB WD5000BEVT-22ZAT0<br>ML250 SATA LF F/W:01.01A01  |
| AS8935G_M96XT1G<br>BTCFbk_V3  | SEAGATE | N160GB5.4KS | HDD SEAGATE 2.5" 5400rpm 160GB ST9160310AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_M96XT1G<br>BTCFbk_V3  | TOSHIBA | N160GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 160GB MK1655GSX Libra<br>SATA LF F/W: FG011J      |
| AS8935G_M96XT1G<br>BTCFbk_V3  | HGST    | N160GB5.4KS | HDD HGST 2.5" 5400rpm 160GB HTS543216L9A300<br>Falcon-B SATA LF F/W:C40C   |
| AS8935G_M96XT1G<br>BTCFbk_V3  | WD      | N160GB5.4KS | HDD WD 2.5" 5400rpm 160GB WD1600BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M96XT1G<br>BTCFbk_V3  | SEAGATE | N250GB5.4KS | HDD SEAGATE 2.5" 5400rpm 250GB ST9250315AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_M96XT1G<br>BTCFbk_V3  | TOSHIBA | N250GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 250GB MK2555GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_M96XT1G<br>BTCFbk_V3  | HGST    | N250GB5.4KS | HDD HGST 2.5" 5400rpm 250GB HTS545025B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_M96XT1G<br>BTCFbk_V3  | WD      | N250GB5.4KS | HDD WD 2.5" 5400rpm 250GB WD2500BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M96XT1G<br>BTCFbk_V3  | SEAGATE | N320GB5.4KS | HDD SEAGATE 2.5" 5400rpm 320GB ST9320320AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_M96XT1G<br>BTCFbk_V3  | TOSHIBA | N320GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 320GB MK3255GSX Libra<br>SATA LF F/W:FG011J       |
| AS8935G_M96XT1G<br>BTCFbk_V3  | HGST    | N320GB5.4KS | HDD HGST 2.5" 5400rpm 320GB HTS545032B9A300<br>Panther B SATA LF F/W: C60F |
| AS8935G_M96XT1G<br>BTCFbk_V3  | WD      | N320GB5.4KS | HDD WD 2.5" 5400rpm 320GB WD3200BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_M96XT1G<br>BTCFbk_V3  | SEAGATE | N500GB5.4KS | HDD SEAGATE 2.5" 5400rpm 500GB ST9500325AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_M96XT1G<br>BTCFbk_V3  | TOSHIBA | N500GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 500GB MK5055GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_M96XT1G<br>BTCFbk_V3  | HGST    | N500GB5.4KS | HDD HGST 2.5" 5400rpm 500GB HTS545050B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_M96XT1G<br>BTCFbk_V3  | WD      | N500GB5.4KS | HDD WD 2.5" 5400rpm 500GB WD5000BEVT-22ZAT0<br>ML250 SATA LF F/W:01.01A01  |
| AS8935G_N10PGE1<br>1GBCFPbk   | SEAGATE | N160GB5.4KS | HDD SEAGATE 2.5" 5400rpm 160GB ST9160310AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_N10PGE1<br>1GBCFPbk   | TOSHIBA | N160GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 160GB MK1655GSX Libra<br>SATA LF F/W: FG011J      |
| AS8935G_N10PGE1<br>1GBCFPbk   | HGST    | N160GB5.4KS | HDD HGST 2.5" 5400rpm 160GB HTS543216L9A300<br>Falcon-B SATA LF F/W:C40C   |
| AS8935G_N10PGE1<br>1GBCFPbk   | WD      | N160GB5.4KS | HDD WD 2.5" 5400rpm 160GB WD1600BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |

| BOM_Name                    | BRAND   | Type        | Description                                                                |
|-----------------------------|---------|-------------|----------------------------------------------------------------------------|
| AS8935G_N10PGE1<br>1GBCFPbk | SEAGATE | N250GB5.4KS | HDD SEAGATE 2.5" 5400rpm 250GB ST9250315AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_N10PGE1<br>1GBCFPbk | TOSHIBA | N250GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 250GB MK2555GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_N10PGE1<br>1GBCFPbk | HGST    | N250GB5.4KS | HDD HGST 2.5" 5400rpm 250GB HTS545025B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_N10PGE1<br>1GBCFPbk | WD      | N250GB5.4KS | HDD WD 2.5" 5400rpm 250GB WD2500BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_N10PGE1<br>1GBCFPbk | SEAGATE | N320GB5.4KS | HDD SEAGATE 2.5" 5400rpm 320GB ST9320320AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_N10PGE1<br>1GBCFPbk | TOSHIBA | N320GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 320GB MK3255GSX Libra<br>SATA LF F/W:FG011J       |
| AS8935G_N10PGE1<br>1GBCFPbk | HGST    | N320GB5.4KS | HDD HGST 2.5" 5400rpm 320GB HTS545032B9A300<br>Panther B SATA LF F/W: C60F |
| AS8935G_N10PGE1<br>1GBCFPbk | WD      | N320GB5.4KS | HDD WD 2.5" 5400rpm 320GB WD3200BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_N10PGE1<br>1GBCFPbk | SEAGATE | N500GB5.4KS | HDD SEAGATE 2.5" 5400rpm 500GB ST9500325AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_N10PGE1<br>1GBCFPbk | TOSHIBA | N500GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 500GB MK5055GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_N10PGE1<br>1GBCFPbk | HGST    | N500GB5.4KS | HDD HGST 2.5" 5400rpm 500GB HTS545050B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_N10PGE1<br>1GBCFPbk | WD      | N500GB5.4KS | HDD WD 2.5" 5400rpm 500GB WD5000BEVT-22ZAT0<br>ML250 SATA LF F/W:01.01A01  |
| AS8935G_N10PGE1<br>1GBCFbk  | SEAGATE | N160GB5.4KS | HDD SEAGATE 2.5" 5400rpm 160GB ST9160310AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_N10PGE1<br>1GBCFbk  | TOSHIBA | N160GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 160GB MK1655GSX Libra<br>SATA LF F/W: FG011J      |
| AS8935G_N10PGE1<br>1GBCFbk  | HGST    | N160GB5.4KS | HDD HGST 2.5" 5400rpm 160GB HTS543216L9A300<br>Falcon-B SATA LF F/W:C40C   |
| AS8935G_N10PGE1<br>1GBCFbk  | WD      | N160GB5.4KS | HDD WD 2.5" 5400rpm 160GB WD1600BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_N10PGE1<br>1GBCFbk  | SEAGATE | N250GB5.4KS | HDD SEAGATE 2.5" 5400rpm 250GB ST9250315AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_N10PGE1<br>1GBCFbk  | TOSHIBA | N250GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 250GB MK2555GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_N10PGE1<br>1GBCFbk  | HGST    | N250GB5.4KS | HDD HGST 2.5" 5400rpm 250GB HTS545025B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_N10PGE1<br>1GBCFbk  | WD      | N250GB5.4KS | HDD WD 2.5" 5400rpm 250GB WD2500BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_N10PGE1<br>1GBCFbk  | SEAGATE | N320GB5.4KS | HDD SEAGATE 2.5" 5400rpm 320GB ST9320320AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_N10PGE1<br>1GBCFbk  | TOSHIBA | N320GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 320GB MK3255GSX Libra<br>SATA LF F/W:FG011J       |
| AS8935G_N10PGE1<br>1GBCFbk  | HGST    | N320GB5.4KS | HDD HGST 2.5" 5400rpm 320GB HTS545032B9A300<br>Panther B SATA LF F/W: C60F |
| AS8935G_N10PGE1<br>1GBCFbk  | WD      | N320GB5.4KS | HDD WD 2.5" 5400rpm 320GB WD3200BEVT-22ZCT0<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_N10PGE1<br>1GBCFbk  | SEAGATE | N500GB5.4KS | HDD SEAGATE 2.5" 5400rpm 500GB ST9500325AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_N10PGE1<br>1GBCFbk  | TOSHIBA | N500GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 500GB MK5055GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_N10PGE1<br>1GBCFbk  | HGST    | N500GB5.4KS | HDD HGST 2.5" 5400rpm 500GB HTS545050B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_N10PGE1<br>1GBCFbk  | WD      | N500GB5.4KS | HDD WD 2.5" 5400rpm 500GB WD5000BEVT-22ZAT0<br>ML250 SATA LF F/W:01.01A01  |
| AS8935G_N10PGE1<br>1GBTCbF  | SEAGATE | N160GB5.4KS | HDD SEAGATE 2.5" 5400rpm 160GB ST9160310AS<br>Crockett SATA LF F/W:0303    |

| BOM_Name                       | BRAND    | Type        | Description                                                                |
|--------------------------------|----------|-------------|----------------------------------------------------------------------------|
| AS8935G_N10PGE1<br>1GBTCbF     | TOSHIBA  | N160GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 160GB MK1655GSX Libra<br>SATA LF F/W: FG011J      |
| AS8935G_N10PGE1<br>1GBTCbF     | HGST     | N160GB5.4KS | HDD HGST 2.5" 5400rpm 160GB HTS543216L9A300<br>Falcon-B SATA LF F/W:C40C   |
| AS8935G_N10PGE1<br>1GBTCbF     | WD       | N160GB5.4KS | HDD WD 2.5" 5400rpm 160GB WD1600BEVT-22ZCTO<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_N10PGE1<br>1GBTCbF     | SEAGATE  | N250GB5.4KS | HDD SEAGATE 2.5" 5400rpm 250GB ST9250315AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_N10PGE1<br>1GBTCbF     | TOSHIBA  | N250GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 250GB MK2555GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_N10PGE1<br>1GBTCbF     | HGST     | N250GB5.4KS | HDD HGST 2.5" 5400rpm 250GB HTS545025B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_N10PGE1<br>1GBTCbF     | WD       | N250GB5.4KS | HDD WD 2.5" 5400rpm 250GB WD2500BEVT-22ZCTO<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_N10PGE1<br>1GBTCbF     | SEAGATE  | N320GB5.4KS | HDD SEAGATE 2.5" 5400rpm 320GB ST9320320AS<br>Crockett SATA LF F/W:0303    |
| AS8935G_N10PGE1<br>1GBTCbF     | TOSHIBA  | N320GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 320GB MK3255GSX Libra<br>SATA LF F/W:FG011J       |
| AS8935G_N10PGE1<br>1GBTCbF     | HGST     | N320GB5.4KS | HDD HGST 2.5" 5400rpm 320GB HTS545032B9A300<br>Panther B SATA LF F/W: C60F |
| AS8935G_N10PGE1<br>1GBTCbF     | WD       | N320GB5.4KS | HDD WD 2.5" 5400rpm 320GB WD3200BEVT-22ZCTO<br>ML160 SATA LF F/W:11.01A11  |
| AS8935G_N10PGE1<br>1GBTCbF     | SEAGATE  | N500GB5.4KS | HDD SEAGATE 2.5" 5400rpm 500GB ST9500325AS<br>Wyatt SATA LF F/W:0001SDM1   |
| AS8935G_N10PGE1<br>1GBTCbF     | TOSHIBA  | N500GB5.4KS | HDD TOSHIBA 2.5" 5400rpm 500GB MK5055GSX Libra<br>SATA LF F/W:FG001J       |
| AS8935G_N10PGE1<br>1GBTCbF     | HGST     | N500GB5.4KS | HDD HGST 2.5" 5400rpm 500GB HTS545050B9A300<br>Panther B SATA LF F/W:C60F  |
| AS8935G_N10PGE1<br>1GBTCbF     | WD       | N500GB5.4KS | HDD WD 2.5" 5400rpm 500GB WD5000BEVT-22ZAT0<br>ML250 SATA LF F/W:01.01A01  |
| <b>Keyboard</b>                |          |             |                                                                            |
| AS8935G_M961GBT<br>CbF         | ACER     | AC7B        | Keyboard ACER AC7B SM80 Internal 17 Standard Black<br>Backlit              |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  | ACER     | AC7B        | Keyboard ACER AC7B SM80 Internal 17 Standard Black<br>Backlit              |
| AS8935G_M96XT1G<br>BCFPbk_V3   | ACER     | AC7B        | Keyboard ACER AC7B SM80 Internal 17 Standard Black<br>Backlit              |
| AS8935G_M96XT1G<br>BCFbk_V3    | ACER     | AC7B        | Keyboard ACER AC7B SM80 Internal 17 Standard Black<br>Backlit              |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | ACER     | AC7B        | Keyboard ACER AC7B SM80 Internal 17 Standard Black<br>Backlit              |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | ACER     | AC7B        | Keyboard ACER AC7B SM80 Internal 17 Standard Black<br>Backlit              |
| AS8935G_M96XT1G<br>BTCFbk_V3   | ACER     | AC7B        | Keyboard ACER AC7B SM80 Internal 17 Standard Black<br>Backlit              |
| AS8935G_N10PGE1<br>1GBCFPbk    | ACER     | AC7B        | Keyboard ACER AC7B SM80 Internal 17 Standard Black<br>Backlit              |
| AS8935G_N10PGE1<br>1GBCFbk     | ACER     | AC7B        | Keyboard ACER AC7B SM80 Internal 17 Standard Black<br>Backlit              |
| AS8935G_N10PGE1<br>1GBTCbF     | ACER     | AC7B        | Keyboard ACER AC7B SM80 Internal 17 Standard Black<br>Backlit              |
| <b>LAN</b>                     |          |             |                                                                            |
| AS8935G_M961GBT<br>CbF         | Broadcom | BCM5784     | Broadcom BCM5784                                                           |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  | Broadcom | BCM5784     | Broadcom BCM5784                                                           |
| AS8935G_M96XT1G<br>BCFPbk_V3   | Broadcom | BCM5784     | Broadcom BCM5784                                                           |

| BOM_Name                    | BRAND    | Type            | Description                                                                |
|-----------------------------|----------|-----------------|----------------------------------------------------------------------------|
| AS8935G_M96XT1G BCFbk_V3    | Broadcom | BCM5784         | Broadcom BCM5784                                                           |
| AS8935G_M96XT1G BTCFPbkQ_V3 | Broadcom | BCM5784         | Broadcom BCM5784                                                           |
| AS8935G_M96XT1G BTCFPbk_V3  | Broadcom | BCM5784         | Broadcom BCM5784                                                           |
| AS8935G_M96XT1G BTCFbk_V3   | Broadcom | BCM5784         | Broadcom BCM5784                                                           |
| AS8935G_N10PGE1 1GBCFPbk    | Broadcom | BCM5784         | Broadcom BCM5784                                                           |
| AS8935G_N10PGE1 1GBCFbk     | Broadcom | BCM5784         | Broadcom BCM5784                                                           |
| AS8935G_N10PGE1 1GBTCbF     | Broadcom | BCM5784         | Broadcom BCM5784                                                           |
| <b>LCD</b>                  |          |                 |                                                                            |
| AS8935G_M961GBT CbF         | CMO      | NLED18.4WUXGAGL | LED LCD CMO 18.4" WUXGA Glare N184H6-L02 LF 220nit 8ms 500:1               |
| AS8935G_M96XT1G BCFPbkQ_V3  | CMO      | NLED18.4WUXGAGL | LED LCD CMO 18.4" WUXGA Glare N184H6-L02 LF 220nit 8ms 500:1               |
| AS8935G_M96XT1G BCFPbk_V3   | CMO      | NLED18.4WUXGAGL | LED LCD CMO 18.4" WUXGA Glare N184H6-L02 LF 220nit 8ms 500:1               |
| AS8935G_M96XT1G BCFbk_V3    | CMO      | NLED18.4WUXGAGL | LED LCD CMO 18.4" WUXGA Glare N184H6-L02 LF 220nit 8ms 500:1               |
| AS8935G_M96XT1G BTCFPbkQ_V3 | CMO      | NLED18.4WUXGAGL | LED LCD CMO 18.4" WUXGA Glare N184H6-L02 LF 220nit 8ms 500:1               |
| AS8935G_M96XT1G BTCFPbk_V3  | CMO      | NLED18.4WUXGAGL | LED LCD CMO 18.4" WUXGA Glare N184H6-L02 LF 220nit 8ms 500:1               |
| AS8935G_M96XT1G BTCFbk_V3   | CMO      | NLED18.4WUXGAGL | LED LCD CMO 18.4" WUXGA Glare N184H6-L02 LF 220nit 8ms 500:1               |
| AS8935G_N10PGE1 1GBCFPbk    | CMO      | NLED18.4WUXGAGL | LED LCD CMO 18.4" WUXGA Glare N184H6-L02 LF 220nit 8ms 500:1               |
| AS8935G_N10PGE1 1GBCFbk     | CMO      | NLED18.4WUXGAGL | LED LCD CMO 18.4" WUXGA Glare N184H6-L02 LF 220nit 8ms 500:1               |
| AS8935G_N10PGE1 1GBTCbF     | CMO      | NLED18.4WUXGAGL | LED LCD CMO 18.4" WUXGA Glare N184H6-L02 LF 220nit 8ms 500:1               |
| <b>Memory</b>               |          |                 |                                                                            |
| AS8935G_M961GBT CbF         | NANYA    | SO1GBIII10      | Memory NANYA SO-DIMM DDRIII 1066 1GB NT1GC64BH8A1PS-BE LF 64*16 0.07um     |
| AS8935G_M961GBT CbF         | MICRON   | SO1GBIII10      | Memory MICRON SO-DIMM DDRIII 1066 1GB MT8JSF12864HY-1G1D1 LF 64*16 0.07um  |
| AS8935G_M961GBT CbF         | ELPIDA   | SO1GBIII10      | Memory ELPIDA SO-DIMM DDRIII 1066 1GB EBJ11UE6BBS0-AE-F LF 64*16 0.065um   |
| AS8935G_M961GBT CbF         | SAMSUNG  | SO1GBIII10      | Memory SAMSUNG SO-DIMM DDRIII 1066 1GB M471B2873EH1-CF8 LF 64*16 0.055um   |
| AS8935G_M961GBT CbF         | HYNIX    | SO1GBIII10      | Memory HYNIX SO-DIMM DDRIII 1066 1GB HMT112S6AFP6C-G7N0 LF 64*16 0.065um   |
| AS8935G_M961GBT CbF         | HYNIX    | SO1GBIII10      | Memory HYNIX SO-DIMM DDRIII 1066 1GB HMT112S6BFR6C-G7 NO LF 64*16 0.055um  |
| AS8935G_M961GBT CbF         | NANYA    | SO2GBIII10      | Memory NANYA SO-DIMM DDRIII 1066 2GB NT2GC64B8HA1NS-BE LF 128*8 0.07um     |
| AS8935G_M961GBT CbF         | MICRON   | SO2GBIII10      | Memory MICRON SO-DIMM DDRIII 1066 2GB MT16JSF25664HY-1G1D1 LF 128*8 0.07um |
| AS8935G_M961GBT CbF         | ELPIDA   | SO2GBIII10      | Memory ELPIDA SO-DIMM DDRIII 1066 2GB EBJ21UE8BAU0-AE-E LF 128*8 0.07um    |
| AS8935G_M961GBT CbF         | ELPIDA   | SO2GBIII10      | Memory ELPIDA SO-DIMM DDRIII 1066 2GB EBJ21UE8BBS0-AE-F LF 128*8 0.065um   |
| AS8935G_M961GBT CbF         | SAMSUNG  | SO2GBIII10      | Memory SAMSUNG SO-DIMM DDRIII 1066 2GB M471B5673DZ1-CF8 LF 128*8 0.065um   |

| BOM_Name                      | BRAND   | Type       | Description                                                                   |
|-------------------------------|---------|------------|-------------------------------------------------------------------------------|
| AS8935G_M961GBT<br>CbF        | SAMSUNG | SO2GBIII10 | Memory SAMSUNG SO-DIMM DDRIII 1066 2GB<br>M471B5673EH1-CF8 LF 128*8 0.055um   |
| AS8935G_M961GBT<br>CbF        | HYNIX   | SO2GBIII10 | Memory HYNIX SO-DIMM DDRIII 1066 2GB<br>HMT125S6BFR8C-G7 N0 LF 128*8 0.055um  |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | NANYA   | SO1GBIII10 | Memory NANYA SO-DIMM DDRIII 1066 1GB<br>NT1GC64BH8A1PS-BE LF 64*16 0.07um     |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | MICRON  | SO1GBIII10 | Memory MICRON SO-DIMM DDRIII 1066 1GB<br>MT8JSF12864HY-1G1D1 LF 64*16 0.07um  |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | ELPIDA  | SO1GBIII10 | Memory ELPIDA SO-DIMM DDRIII 1066 1GB<br>EBJ11UE6BBS0-AE-F LF 64*16 0.065um   |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | SAMSUNG | SO1GBIII10 | Memory SAMSUNG SO-DIMM DDRIII 1066 1GB<br>M471B2873EH1-CF8 LF 64*16 0.055um   |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | HYNIX   | SO1GBIII10 | Memory HYNIX SO-DIMM DDRIII 1066 1GB<br>HMT112S6AFP6C-G7N0 LF 64*16 0.065um   |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | HYNIX   | SO1GBIII10 | Memory HYNIX SO-DIMM DDRIII 1066 1GB<br>HMT112S6BFR6C-G7 N0 LF 64*16 0.055um  |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | NANYA   | SO2GBIII10 | Memory NANYA SO-DIMM DDRIII 1066 2GB<br>NT2GC64B8HA1NS-BE LF 128*8 0.07um     |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | MICRON  | SO2GBIII10 | Memory MICRON SO-DIMM DDRIII 1066 2GB<br>MT16JSF25664HY-1G1D1 LF 128*8 0.07um |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | ELPIDA  | SO2GBIII10 | Memory ELPIDA SO-DIMM DDRIII 1066 2GB<br>EBJ21UE8BAU0-AE-E LF 128*8 0.07um    |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | ELPIDA  | SO2GBIII10 | Memory ELPIDA SO-DIMM DDRIII 1066 2GB<br>EBJ21UE8BBS0-AE-F LF 128*8 0.065um   |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | SAMSUNG | SO2GBIII10 | Memory SAMSUNG SO-DIMM DDRIII 1066 2GB<br>M471B5673DZ1-CF8 LF 128*8 0.065um   |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | SAMSUNG | SO2GBIII10 | Memory SAMSUNG SO-DIMM DDRIII 1066 2GB<br>M471B5673EH1-CF8 LF 128*8 0.055um   |
| AS8935G_M96XT1G<br>BCFPbkQ_V3 | HYNIX   | SO2GBIII10 | Memory HYNIX SO-DIMM DDRIII 1066 2GB<br>HMT125S6BFR8C-G7 N0 LF 128*8 0.055um  |
| AS8935G_M96XT1G<br>BCFPbk_V3  | NANYA   | SO1GBIII10 | Memory NANYA SO-DIMM DDRIII 1066 1GB<br>NT1GC64BH8A1PS-BE LF 64*16 0.07um     |
| AS8935G_M96XT1G<br>BCFPbk_V3  | MICRON  | SO1GBIII10 | Memory MICRON SO-DIMM DDRIII 1066 1GB<br>MT8JSF12864HY-1G1D1 LF 64*16 0.07um  |
| AS8935G_M96XT1G<br>BCFPbk_V3  | ELPIDA  | SO1GBIII10 | Memory ELPIDA SO-DIMM DDRIII 1066 1GB<br>EBJ11UE6BBS0-AE-F LF 64*16 0.065um   |
| AS8935G_M96XT1G<br>BCFPbk_V3  | SAMSUNG | SO1GBIII10 | Memory SAMSUNG SO-DIMM DDRIII 1066 1GB<br>M471B2873EH1-CF8 LF 64*16 0.055um   |
| AS8935G_M96XT1G<br>BCFPbk_V3  | HYNIX   | SO1GBIII10 | Memory HYNIX SO-DIMM DDRIII 1066 1GB<br>HMT112S6AFP6C-G7N0 LF 64*16 0.065um   |
| AS8935G_M96XT1G<br>BCFPbk_V3  | HYNIX   | SO1GBIII10 | Memory HYNIX SO-DIMM DDRIII 1066 1GB<br>HMT112S6BFR6C-G7 N0 LF 64*16 0.055um  |
| AS8935G_M96XT1G<br>BCFPbk_V3  | NANYA   | SO2GBIII10 | Memory NANYA SO-DIMM DDRIII 1066 2GB<br>NT2GC64B8HA1NS-BE LF 128*8 0.07um     |
| AS8935G_M96XT1G<br>BCFPbk_V3  | MICRON  | SO2GBIII10 | Memory MICRON SO-DIMM DDRIII 1066 2GB<br>MT16JSF25664HY-1G1D1 LF 128*8 0.07um |
| AS8935G_M96XT1G<br>BCFPbk_V3  | ELPIDA  | SO2GBIII10 | Memory ELPIDA SO-DIMM DDRIII 1066 2GB<br>EBJ21UE8BAU0-AE-E LF 128*8 0.07um    |
| AS8935G_M96XT1G<br>BCFPbk_V3  | ELPIDA  | SO2GBIII10 | Memory ELPIDA SO-DIMM DDRIII 1066 2GB<br>EBJ21UE8BBS0-AE-F LF 128*8 0.065um   |
| AS8935G_M96XT1G<br>BCFPbk_V3  | SAMSUNG | SO2GBIII10 | Memory SAMSUNG SO-DIMM DDRIII 1066 2GB<br>M471B5673DZ1-CF8 LF 128*8 0.065um   |
| AS8935G_M96XT1G<br>BCFPbk_V3  | SAMSUNG | SO2GBIII10 | Memory SAMSUNG SO-DIMM DDRIII 1066 2GB<br>M471B5673EH1-CF8 LF 128*8 0.055um   |
| AS8935G_M96XT1G<br>BCFPbk_V3  | HYNIX   | SO2GBIII10 | Memory HYNIX SO-DIMM DDRIII 1066 2GB<br>HMT125S6BFR8C-G7 N0 LF 128*8 0.055um  |
| AS8935G_M96XT1G<br>BCFbk_V3   | NANYA   | SO1GBIII10 | Memory NANYA SO-DIMM DDRIII 1066 1GB<br>NT1GC64BH8A1PS-BE LF 64*16 0.07um     |

| BOM_Name                       | BRAND   | Type       | Description                                                                   |
|--------------------------------|---------|------------|-------------------------------------------------------------------------------|
| AS8935G_M96XT1G<br>BCFbk_V3    | MICRON  | SO1GBIII10 | Memory MICRON SO-DIMM DDRIII 1066 1GB<br>MT8JSF12864HY-1G1D1 LF 64*16 0.07um  |
| AS8935G_M96XT1G<br>BCFbk_V3    | ELPIDA  | SO1GBIII10 | Memory ELPIDA SO-DIMM DDRIII 1066 1GB<br>EBJ11UE6BBS0-AE-F LF 64*16 0.065um   |
| AS8935G_M96XT1G<br>BCFbk_V3    | SAMSUNG | SO1GBIII10 | Memory SAMSUNG SO-DIMM DDRIII 1066 1GB<br>M471B2873EH1-CF8 LF 64*16 0.055um   |
| AS8935G_M96XT1G<br>BCFbk_V3    | HYNIX   | SO1GBIII10 | Memory HYNIX SO-DIMM DDRIII 1066 1GB<br>HMT112S6AFP6C-G7N0 LF 64*16 0.065um   |
| AS8935G_M96XT1G<br>BCFbk_V3    | HYNIX   | SO1GBIII10 | Memory HYNIX SO-DIMM DDRIII 1066 1GB<br>HMT112S6BFR6C-G7 N0 LF 64*16 0.055um  |
| AS8935G_M96XT1G<br>BCFbk_V3    | NANYA   | SO2GBIII10 | Memory NANYA SO-DIMM DDRIII 1066 2GB<br>NT2GC64B8HA1NS-BE LF 128*8 0.07um     |
| AS8935G_M96XT1G<br>BCFbk_V3    | MICRON  | SO2GBIII10 | Memory MICRON SO-DIMM DDRIII 1066 2GB<br>MT16JSF25664HY-1G1D1 LF 128*8 0.07um |
| AS8935G_M96XT1G<br>BCFbk_V3    | ELPIDA  | SO2GBIII10 | Memory ELPIDA SO-DIMM DDRIII 1066 2GB<br>EBJ21UE8BAU0-AE-E LF 128*8 0.07um    |
| AS8935G_M96XT1G<br>BCFbk_V3    | ELPIDA  | SO2GBIII10 | Memory ELPIDA SO-DIMM DDRIII 1066 2GB<br>EBJ21UE8BBS0-AE-F LF 128*8 0.065um   |
| AS8935G_M96XT1G<br>BCFbk_V3    | SAMSUNG | SO2GBIII10 | Memory SAMSUNG SO-DIMM DDRIII 1066 2GB<br>M471B5673DZ1-CF8 LF 128*8 0.065um   |
| AS8935G_M96XT1G<br>BCFbk_V3    | SAMSUNG | SO2GBIII10 | Memory SAMSUNG SO-DIMM DDRIII 1066 2GB<br>M471B5673EH1-CF8 LF 128*8 0.055um   |
| AS8935G_M96XT1G<br>BCFbk_V3    | HYNIX   | SO2GBIII10 | Memory HYNIX SO-DIMM DDRIII 1066 2GB<br>HMT125S6BFR8C-G7 N0 LF 128*8 0.055um  |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | NANYA   | SO1GBIII10 | Memory NANYA SO-DIMM DDRIII 1066 1GB<br>NT1GC64BH8A1PS-BE LF 64*16 0.07um     |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | MICRON  | SO1GBIII10 | Memory MICRON SO-DIMM DDRIII 1066 1GB<br>MT8JSF12864HY-1G1D1 LF 64*16 0.07um  |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | ELPIDA  | SO1GBIII10 | Memory ELPIDA SO-DIMM DDRIII 1066 1GB<br>EBJ11UE6BBS0-AE-F LF 64*16 0.065um   |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | SAMSUNG | SO1GBIII10 | Memory SAMSUNG SO-DIMM DDRIII 1066 1GB<br>M471B2873EH1-CF8 LF 64*16 0.055um   |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | HYNIX   | SO1GBIII10 | Memory HYNIX SO-DIMM DDRIII 1066 1GB<br>HMT112S6AFP6C-G7N0 LF 64*16 0.065um   |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | HYNIX   | SO1GBIII10 | Memory HYNIX SO-DIMM DDRIII 1066 1GB<br>HMT112S6BFR6C-G7 N0 LF 64*16 0.055um  |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | NANYA   | SO2GBIII10 | Memory NANYA SO-DIMM DDRIII 1066 2GB<br>NT2GC64B8HA1NS-BE LF 128*8 0.07um     |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | MICRON  | SO2GBIII10 | Memory MICRON SO-DIMM DDRIII 1066 2GB<br>MT16JSF25664HY-1G1D1 LF 128*8 0.07um |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | ELPIDA  | SO2GBIII10 | Memory ELPIDA SO-DIMM DDRIII 1066 2GB<br>EBJ21UE8BAU0-AE-E LF 128*8 0.07um    |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | ELPIDA  | SO2GBIII10 | Memory ELPIDA SO-DIMM DDRIII 1066 2GB<br>EBJ21UE8BBS0-AE-F LF 128*8 0.065um   |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | SAMSUNG | SO2GBIII10 | Memory SAMSUNG SO-DIMM DDRIII 1066 2GB<br>M471B5673DZ1-CF8 LF 128*8 0.065um   |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | SAMSUNG | SO2GBIII10 | Memory SAMSUNG SO-DIMM DDRIII 1066 2GB<br>M471B5673EH1-CF8 LF 128*8 0.055um   |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | HYNIX   | SO2GBIII10 | Memory HYNIX SO-DIMM DDRIII 1066 2GB<br>HMT125S6BFR8C-G7 N0 LF 128*8 0.055um  |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | NANYA   | SO1GBIII10 | Memory NANYA SO-DIMM DDRIII 1066 1GB<br>NT1GC64BH8A1PS-BE LF 64*16 0.07um     |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | MICRON  | SO1GBIII10 | Memory MICRON SO-DIMM DDRIII 1066 1GB<br>MT8JSF12864HY-1G1D1 LF 64*16 0.07um  |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | ELPIDA  | SO1GBIII10 | Memory ELPIDA SO-DIMM DDRIII 1066 1GB<br>EBJ11UE6BBS0-AE-F LF 64*16 0.065um   |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | SAMSUNG | SO1GBIII10 | Memory SAMSUNG SO-DIMM DDRIII 1066 1GB<br>M471B2873EH1-CF8 LF 64*16 0.055um   |

| BOM_Name                      | BRAND   | Type       | Description                                                                   |
|-------------------------------|---------|------------|-------------------------------------------------------------------------------|
| AS8935G_M96XT1G<br>BTCFPbk_V3 | HYNIX   | SO1GBIII10 | Memory HYNIX SO-DIMM DDRIII 1066 1GB<br>HMT112S6AFP6C-G7N0 LF 64*16 0.065um   |
| AS8935G_M96XT1G<br>BTCFPbk_V3 | HYNIX   | SO1GBIII10 | Memory HYNIX SO-DIMM DDRIII 1066 1GB<br>HMT112S6BFR6C-G7 N0 LF 64*16 0.055um  |
| AS8935G_M96XT1G<br>BTCFPbk_V3 | NANYA   | SO2GBIII10 | Memory NANYA SO-DIMM DDRIII 1066 2GB<br>NT2GC64B8HA1NS-BE LF 128*8 0.07um     |
| AS8935G_M96XT1G<br>BTCFPbk_V3 | MICRON  | SO2GBIII10 | Memory MICRON SO-DIMM DDRIII 1066 2GB<br>MT16JSF25664HY-1G1D1 LF 128*8 0.07um |
| AS8935G_M96XT1G<br>BTCFPbk_V3 | ELPIDA  | SO2GBIII10 | Memory ELPIDA SO-DIMM DDRIII 1066 2GB<br>EBJ21UE8BAU0-AE-E LF 128*8 0.07um    |
| AS8935G_M96XT1G<br>BTCFPbk_V3 | ELPIDA  | SO2GBIII10 | Memory ELPIDA SO-DIMM DDRIII 1066 2GB<br>EBJ21UE8BBS0-AE-F LF 128*8 0.065um   |
| AS8935G_M96XT1G<br>BTCFPbk_V3 | SAMSUNG | SO2GBIII10 | Memory SAMSUNG SO-DIMM DDRIII 1066 2GB<br>M471B5673DZ1-CF8 LF 128*8 0.065um   |
| AS8935G_M96XT1G<br>BTCFPbk_V3 | SAMSUNG | SO2GBIII10 | Memory SAMSUNG SO-DIMM DDRIII 1066 2GB<br>M471B5673EH1-CF8 LF 128*8 0.055um   |
| AS8935G_M96XT1G<br>BTCFPbk_V3 | HYNIX   | SO2GBIII10 | Memory HYNIX SO-DIMM DDRIII 1066 2GB<br>HMT125S6BFR8C-G7 N0 LF 128*8 0.055um  |
| AS8935G_M96XT1G<br>BTCFbk_V3  | NANYA   | SO1GBIII10 | Memory NANYA SO-DIMM DDRIII 1066 1GB<br>NT1GC64BH8A1PS-BE LF 64*16 0.07um     |
| AS8935G_M96XT1G<br>BTCFbk_V3  | MICRON  | SO1GBIII10 | Memory MICRON SO-DIMM DDRIII 1066 1GB<br>MT8JSF12864HY-1G1D1 LF 64*16 0.07um  |
| AS8935G_M96XT1G<br>BTCFbk_V3  | ELPIDA  | SO1GBIII10 | Memory ELPIDA SO-DIMM DDRIII 1066 1GB<br>EBJ11UE6BBS0-AE-F LF 64*16 0.065um   |
| AS8935G_M96XT1G<br>BTCFbk_V3  | SAMSUNG | SO1GBIII10 | Memory SAMSUNG SO-DIMM DDRIII 1066 1GB<br>M471B2873EH1-CF8 LF 64*16 0.055um   |
| AS8935G_M96XT1G<br>BTCFbk_V3  | HYNIX   | SO1GBIII10 | Memory HYNIX SO-DIMM DDRIII 1066 1GB<br>HMT112S6AFP6C-G7N0 LF 64*16 0.065um   |
| AS8935G_M96XT1G<br>BTCFbk_V3  | HYNIX   | SO1GBIII10 | Memory HYNIX SO-DIMM DDRIII 1066 1GB<br>HMT112S6BFR6C-G7 N0 LF 64*16 0.055um  |
| AS8935G_M96XT1G<br>BTCFbk_V3  | NANYA   | SO2GBIII10 | Memory NANYA SO-DIMM DDRIII 1066 2GB<br>NT2GC64B8HA1NS-BE LF 128*8 0.07um     |
| AS8935G_M96XT1G<br>BTCFbk_V3  | MICRON  | SO2GBIII10 | Memory MICRON SO-DIMM DDRIII 1066 2GB<br>MT16JSF25664HY-1G1D1 LF 128*8 0.07um |
| AS8935G_M96XT1G<br>BTCFbk_V3  | ELPIDA  | SO2GBIII10 | Memory ELPIDA SO-DIMM DDRIII 1066 2GB<br>EBJ21UE8BAU0-AE-E LF 128*8 0.07um    |
| AS8935G_M96XT1G<br>BTCFbk_V3  | ELPIDA  | SO2GBIII10 | Memory ELPIDA SO-DIMM DDRIII 1066 2GB<br>EBJ21UE8BBS0-AE-F LF 128*8 0.065um   |
| AS8935G_M96XT1G<br>BTCFbk_V3  | SAMSUNG | SO2GBIII10 | Memory SAMSUNG SO-DIMM DDRIII 1066 2GB<br>M471B5673DZ1-CF8 LF 128*8 0.065um   |
| AS8935G_M96XT1G<br>BTCFbk_V3  | SAMSUNG | SO2GBIII10 | Memory SAMSUNG SO-DIMM DDRIII 1066 2GB<br>M471B5673EH1-CF8 LF 128*8 0.055um   |
| AS8935G_M96XT1G<br>BTCFbk_V3  | HYNIX   | SO2GBIII10 | Memory HYNIX SO-DIMM DDRIII 1066 2GB<br>HMT125S6BFR8C-G7 N0 LF 128*8 0.055um  |
| AS8935G_N10PGE1<br>1GBCFPbk   | NANYA   | SO1GBIII10 | Memory NANYA SO-DIMM DDRIII 1066 1GB<br>NT1GC64BH8A1PS-BE LF 64*16 0.07um     |
| AS8935G_N10PGE1<br>1GBCFPbk   | MICRON  | SO1GBIII10 | Memory MICRON SO-DIMM DDRIII 1066 1GB<br>MT8JSF12864HY-1G1D1 LF 64*16 0.07um  |
| AS8935G_N10PGE1<br>1GBCFPbk   | ELPIDA  | SO1GBIII10 | Memory ELPIDA SO-DIMM DDRIII 1066 1GB<br>EBJ11UE6BBS0-AE-F LF 64*16 0.065um   |
| AS8935G_N10PGE1<br>1GBCFPbk   | SAMSUNG | SO1GBIII10 | Memory SAMSUNG SO-DIMM DDRIII 1066 1GB<br>M471B2873EH1-CF8 LF 64*16 0.055um   |
| AS8935G_N10PGE1<br>1GBCFPbk   | HYNIX   | SO1GBIII10 | Memory HYNIX SO-DIMM DDRIII 1066 1GB<br>HMT112S6AFP6C-G7N0 LF 64*16 0.065um   |
| AS8935G_N10PGE1<br>1GBCFPbk   | HYNIX   | SO1GBIII10 | Memory HYNIX SO-DIMM DDRIII 1066 1GB<br>HMT112S6BFR6C-G7 N0 LF 64*16 0.055um  |
| AS8935G_N10PGE1<br>1GBCFPbk   | NANYA   | SO2GBIII10 | Memory NANYA SO-DIMM DDRIII 1066 2GB<br>NT2GC64B8HA1NS-BE LF 128*8 0.07um     |

| BOM_Name                    | BRAND   | Type       | Description                                                                   |
|-----------------------------|---------|------------|-------------------------------------------------------------------------------|
| AS8935G_N10PGE1<br>1GBCFPbk | MICRON  | SO2GBIII10 | Memory MICRON SO-DIMM DDRIII 1066 2GB<br>MT16JSF25664HY-1G1D1 LF 128*8 0.07um |
| AS8935G_N10PGE1<br>1GBCFPbk | ELPIDA  | SO2GBIII10 | Memory ELPIDA SO-DIMM DDRIII 1066 2GB<br>EBJ21UE8BAU0-AE-E LF 128*8 0.07um    |
| AS8935G_N10PGE1<br>1GBCFPbk | ELPIDA  | SO2GBIII10 | Memory ELPIDA SO-DIMM DDRIII 1066 2GB<br>EBJ21UE8BBS0-AE-F LF 128*8 0.065um   |
| AS8935G_N10PGE1<br>1GBCFPbk | SAMSUNG | SO2GBIII10 | Memory SAMSUNG SO-DIMM DDRIII 1066 2GB<br>M471B5673DZ1-CF8 LF 128*8 0.065um   |
| AS8935G_N10PGE1<br>1GBCFPbk | SAMSUNG | SO2GBIII10 | Memory SAMSUNG SO-DIMM DDRIII 1066 2GB<br>M471B5673EH1-CF8 LF 128*8 0.055um   |
| AS8935G_N10PGE1<br>1GBCFPbk | HYNIX   | SO2GBIII10 | Memory HYNIX SO-DIMM DDRIII 1066 2GB<br>HMT125S6BFR8C-G7 N0 LF 128*8 0.055um  |
| AS8935G_N10PGE1<br>1GBCFbk  | NANYA   | SO1GBIII10 | Memory NANYA SO-DIMM DDRIII 1066 1GB<br>NT1GC64BH8A1PS-BE LF 64*16 0.07um     |
| AS8935G_N10PGE1<br>1GBCFbk  | MICRON  | SO1GBIII10 | Memory MICRON SO-DIMM DDRIII 1066 1GB<br>MT8JSF12864HY-1G1D1 LF 64*16 0.07um  |
| AS8935G_N10PGE1<br>1GBCFbk  | ELPIDA  | SO1GBIII10 | Memory ELPIDA SO-DIMM DDRIII 1066 1GB<br>EBJ11UE6BBS0-AE-F LF 64*16 0.065um   |
| AS8935G_N10PGE1<br>1GBCFbk  | SAMSUNG | SO1GBIII10 | Memory SAMSUNG SO-DIMM DDRIII 1066 1GB<br>M471B2873EH1-CF8 LF 64*16 0.055um   |
| AS8935G_N10PGE1<br>1GBCFbk  | HYNIX   | SO1GBIII10 | Memory HYNIX SO-DIMM DDRIII 1066 1GB<br>HMT112S6AFP6C-G7N0 LF 64*16 0.065um   |
| AS8935G_N10PGE1<br>1GBCFbk  | HYNIX   | SO1GBIII10 | Memory HYNIX SO-DIMM DDRIII 1066 1GB<br>HMT112S6BFR6C-G7 N0 LF 64*16 0.055um  |
| AS8935G_N10PGE1<br>1GBCFbk  | NANYA   | SO2GBIII10 | Memory NANYA SO-DIMM DDRIII 1066 2GB<br>NT2GC64B8HA1NS-BE LF 128*8 0.07um     |
| AS8935G_N10PGE1<br>1GBCFbk  | MICRON  | SO2GBIII10 | Memory MICRON SO-DIMM DDRIII 1066 2GB<br>MT16JSF25664HY-1G1D1 LF 128*8 0.07um |
| AS8935G_N10PGE1<br>1GBCFbk  | ELPIDA  | SO2GBIII10 | Memory ELPIDA SO-DIMM DDRIII 1066 2GB<br>EBJ21UE8BAU0-AE-E LF 128*8 0.07um    |
| AS8935G_N10PGE1<br>1GBCFbk  | ELPIDA  | SO2GBIII10 | Memory ELPIDA SO-DIMM DDRIII 1066 2GB<br>EBJ21UE8BBS0-AE-F LF 128*8 0.065um   |
| AS8935G_N10PGE1<br>1GBCFbk  | SAMSUNG | SO2GBIII10 | Memory SAMSUNG SO-DIMM DDRIII 1066 2GB<br>M471B5673DZ1-CF8 LF 128*8 0.065um   |
| AS8935G_N10PGE1<br>1GBCFbk  | SAMSUNG | SO2GBIII10 | Memory SAMSUNG SO-DIMM DDRIII 1066 2GB<br>M471B5673EH1-CF8 LF 128*8 0.055um   |
| AS8935G_N10PGE1<br>1GBCFbk  | HYNIX   | SO2GBIII10 | Memory HYNIX SO-DIMM DDRIII 1066 2GB<br>HMT125S6BFR8C-G7 N0 LF 128*8 0.055um  |
| AS8935G_N10PGE1<br>1GBTCbF  | NANYA   | SO1GBIII10 | Memory NANYA SO-DIMM DDRIII 1066 1GB<br>NT1GC64BH8A1PS-BE LF 64*16 0.07um     |
| AS8935G_N10PGE1<br>1GBTCbF  | MICRON  | SO1GBIII10 | Memory MICRON SO-DIMM DDRIII 1066 1GB<br>MT8JSF12864HY-1G1D1 LF 64*16 0.07um  |
| AS8935G_N10PGE1<br>1GBTCbF  | ELPIDA  | SO1GBIII10 | Memory ELPIDA SO-DIMM DDRIII 1066 1GB<br>EBJ11UE6BBS0-AE-F LF 64*16 0.065um   |
| AS8935G_N10PGE1<br>1GBTCbF  | SAMSUNG | SO1GBIII10 | Memory SAMSUNG SO-DIMM DDRIII 1066 1GB<br>M471B2873EH1-CF8 LF 64*16 0.055um   |
| AS8935G_N10PGE1<br>1GBTCbF  | HYNIX   | SO1GBIII10 | Memory HYNIX SO-DIMM DDRIII 1066 1GB<br>HMT112S6AFP6C-G7N0 LF 64*16 0.065um   |
| AS8935G_N10PGE1<br>1GBTCbF  | HYNIX   | SO1GBIII10 | Memory HYNIX SO-DIMM DDRIII 1066 1GB<br>HMT112S6BFR6C-G7 N0 LF 64*16 0.055um  |
| AS8935G_N10PGE1<br>1GBTCbF  | NANYA   | SO2GBIII10 | Memory NANYA SO-DIMM DDRIII 1066 2GB<br>NT2GC64B8HA1NS-BE LF 128*8 0.07um     |
| AS8935G_N10PGE1<br>1GBTCbF  | MICRON  | SO2GBIII10 | Memory MICRON SO-DIMM DDRIII 1066 2GB<br>MT16JSF25664HY-1G1D1 LF 128*8 0.07um |
| AS8935G_N10PGE1<br>1GBTCbF  | ELPIDA  | SO2GBIII10 | Memory ELPIDA SO-DIMM DDRIII 1066 2GB<br>EBJ21UE8BAU0-AE-E LF 128*8 0.07um    |
| AS8935G_N10PGE1<br>1GBTCbF  | ELPIDA  | SO2GBIII10 | Memory ELPIDA SO-DIMM DDRIII 1066 2GB<br>EBJ21UE8BBS0-AE-F LF 128*8 0.065um   |

| BOM_Name                       | BRAND     | Type       | Description                                                                                        |
|--------------------------------|-----------|------------|----------------------------------------------------------------------------------------------------|
| AS8935G_N10PGE1<br>1GBTCbF     | SAMSUNG   | SO2GBIII10 | Memory SAMSUNG SO-DIMM DDRIII 1066 2GB<br>M471B5673DZ1-CF8 LF 128*8 0.065um                        |
| AS8935G_N10PGE1<br>1GBTCbF     | SAMSUNG   | SO2GBIII10 | Memory SAMSUNG SO-DIMM DDRIII 1066 2GB<br>M471B5673EH1-CF8 LF 128*8 0.055um                        |
| AS8935G_N10PGE1<br>1GBTCbF     | HYNIX     | SO2GBIII10 | Memory HYNIX SO-DIMM DDRIII 1066 2GB<br>HMT125S6BFR8C-G7 N0 LF 128*8 0.055um                       |
| <b>Northbridge Chipset</b>     |           |            |                                                                                                    |
| AS8935G_M961GBT<br>CbF         | INTEL     | GM45       | NB Chipset Intel CS GM45NB                                                                         |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  | INTEL     | GM45       | NB Chipset Intel CS GM45NB                                                                         |
| AS8935G_M96XT1G<br>BCFPbk_V3   | INTEL     | GM45       | NB Chipset Intel CS GM45NB                                                                         |
| AS8935G_M96XT1G<br>BCFbk_V3    | INTEL     | GM45       | NB Chipset Intel CS GM45NB                                                                         |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | INTEL     | GM45       | NB Chipset Intel CS GM45NB                                                                         |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | INTEL     | GM45       | NB Chipset Intel CS GM45NB                                                                         |
| AS8935G_M96XT1G<br>BTCFbk_V3   | INTEL     | GM45       | NB Chipset Intel CS GM45NB                                                                         |
| AS8935G_N10PGE1<br>1GBCFPbk    | INTEL     | GM45       | NB Chipset Intel CS GM45NB                                                                         |
| AS8935G_N10PGE1<br>1GBCFbk     | INTEL     | GM45       | NB Chipset Intel CS GM45NB                                                                         |
| AS8935G_N10PGE1<br>1GBTCbF     | INTEL     | GM45       | NB Chipset Intel CS GM45NB                                                                         |
| <b>ODD</b>                     |           |            |                                                                                                    |
| AS8935G_M961GBT<br>CbF         | PIONEER   | NBDCB4XS   | ODD PIONEER BD COMBO 12.7mm Tray DL 4X BDC-<br>TD01RS LF W/O bezel SATA                            |
| AS8935G_M961GBT<br>CbF         | HLDS      | NBDCB4XS   | ODD HLDS BD COMBO 12.7mm Tray DL 4X CT10 LF W/<br>O bezel SATA                                     |
| AS8935G_M961GBT<br>CbF         | SONY      | NBDCB4XS   | ODD SONY BD COMBO 12.7mm Tray DL 4X BC-5500S<br>LF W/O bezel SATA                                  |
| AS8935G_M961GBT<br>CbF         | PLDS      | NBDCB4XS   | ODD PLDS BD COMBO 12.7mm Tray DL 4X DS-4E1S LF<br>W/O bezel SATA                                   |
| AS8935G_M961GBT<br>CbF         | PIONEER   | NBDRW4XS   | ODD PIONEER BD RW 12.7mm Tray DL 4X BDR-<br>TD01RS LF W/O bezel SATA                               |
| AS8935G_M961GBT<br>CbF         | PANASONIC | NBDRW4XS   | ODD PANASONIC BD RW 12.7mm Tray DL 4X UJ230A<br>LF W/O bezel SATA 2X double Layer, 4X Single Layer |
| AS8935G_M961GBT<br>CbF         | TOSHIBA   | NSM8XS     | ODD TOSHIBA Super-Multi DRIVE 12.7mm Tray DL 8X<br>TS-L633B LF W/O bezel SATA                      |
| AS8935G_M961GBT<br>CbF         | HLDS      | NSM8XS     | ODD HLDS Super-Multi DRIVE 12.7mm Tray DL 8X<br>GT20N LF W/O bezel SATA                            |
| AS8935G_M961GBT<br>CbF         | SONY      | NSM8XS     | ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-<br>7580S LF W/O bezel SATA                        |
| AS8935G_M961GBT<br>CbF         | SONY      | NSM8XS     | ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-<br>7590S LF W/O bezel 1.B0 SATA                   |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  | PIONEER   | NBDCB4XS   | ODD PIONEER BD COMBO 12.7mm Tray DL 4X BDC-<br>TD01RS LF W/O bezel SATA                            |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  | HLDS      | NBDCB4XS   | ODD HLDS BD COMBO 12.7mm Tray DL 4X CT10 LF W/<br>O bezel SATA                                     |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  | SONY      | NBDCB4XS   | ODD SONY BD COMBO 12.7mm Tray DL 4X BC-5500S<br>LF W/O bezel SATA                                  |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  | PLDS      | NBDCB4XS   | ODD PLDS BD COMBO 12.7mm Tray DL 4X DS-4E1S LF<br>W/O bezel SATA                                   |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  | PIONEER   | NBDRW4XS   | ODD PIONEER BD RW 12.7mm Tray DL 4X BDR-<br>TD01RS LF W/O bezel SATA                               |

| BOM_Name                       | BRAND     | Type     | Description                                                                                        |
|--------------------------------|-----------|----------|----------------------------------------------------------------------------------------------------|
| AS8935G_M96XT1G<br>BCFPbkQ_V3  | PANASONIC | NBDRW4XS | ODD PANASONIC BD RW 12.7mm Tray DL 4X UJ230A<br>LF W/O bezel SATA 2X double Layer, 4X Single Layer |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  | TOSHIBA   | NSM8XS   | ODD TOSHIBA Super-Multi DRIVE 12.7mm Tray DL 8X<br>TS-L633B LF W/O bezel SATA                      |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  | HLDS      | NSM8XS   | ODD HLDS Super-Multi DRIVE 12.7mm Tray DL 8X<br>GT20N LF W/O bezel SATA                            |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  | SONY      | NSM8XS   | ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-<br>7580S LF W/O bezel SATA                        |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  | SONY      | NSM8XS   | ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-<br>7590S LF W/O bezel 1.B0 SATA                   |
| AS8935G_M96XT1G<br>BCFPbk_V3   | PIONEER   | NBDCB4XS | ODD PIONEER BD COMBO 12.7mm Tray DL 4X BDC-<br>TD01RS LF W/O bezel SATA                            |
| AS8935G_M96XT1G<br>BCFPbk_V3   | HLDS      | NBDCB4XS | ODD HLDS BD COMBO 12.7mm Tray DL 4X CT10 LF W/<br>O bezel SATA                                     |
| AS8935G_M96XT1G<br>BCFPbk_V3   | SONY      | NBDCB4XS | ODD SONY BD COMBO 12.7mm Tray DL 4X BC-5500S<br>LF W/O bezel SATA                                  |
| AS8935G_M96XT1G<br>BCFPbk_V3   | PLDS      | NBDCB4XS | ODD PLDS BD COMBO 12.7mm Tray DL 4X DS-4E1S LF<br>W/O bezel SATA                                   |
| AS8935G_M96XT1G<br>BCFPbk_V3   | PIONEER   | NBDRW4XS | ODD PIONEER BD RW 12.7mm Tray DL 4X BDR-<br>TD01RS LF W/O bezel SATA                               |
| AS8935G_M96XT1G<br>BCFPbk_V3   | PANASONIC | NBDRW4XS | ODD PANASONIC BD RW 12.7mm Tray DL 4X UJ230A<br>LF W/O bezel SATA 2X double Layer, 4X Single Layer |
| AS8935G_M96XT1G<br>BCFPbk_V3   | TOSHIBA   | NSM8XS   | ODD TOSHIBA Super-Multi DRIVE 12.7mm Tray DL 8X<br>TS-L633B LF W/O bezel SATA                      |
| AS8935G_M96XT1G<br>BCFPbk_V3   | HLDS      | NSM8XS   | ODD HLDS Super-Multi DRIVE 12.7mm Tray DL 8X<br>GT20N LF W/O bezel SATA                            |
| AS8935G_M96XT1G<br>BCFPbk_V3   | SONY      | NSM8XS   | ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-<br>7580S LF W/O bezel SATA                        |
| AS8935G_M96XT1G<br>BCFPbk_V3   | SONY      | NSM8XS   | ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-<br>7590S LF W/O bezel 1.B0 SATA                   |
| AS8935G_M96XT1G<br>BCFbk_V3    | PIONEER   | NBDCB4XS | ODD PIONEER BD COMBO 12.7mm Tray DL 4X BDC-<br>TD01RS LF W/O bezel SATA                            |
| AS8935G_M96XT1G<br>BCFbk_V3    | HLDS      | NBDCB4XS | ODD HLDS BD COMBO 12.7mm Tray DL 4X CT10 LF W/<br>O bezel SATA                                     |
| AS8935G_M96XT1G<br>BCFbk_V3    | SONY      | NBDCB4XS | ODD SONY BD COMBO 12.7mm Tray DL 4X BC-5500S<br>LF W/O bezel SATA                                  |
| AS8935G_M96XT1G<br>BCFbk_V3    | PLDS      | NBDCB4XS | ODD PLDS BD COMBO 12.7mm Tray DL 4X DS-4E1S LF<br>W/O bezel SATA                                   |
| AS8935G_M96XT1G<br>BCFbk_V3    | PIONEER   | NBDRW4XS | ODD PIONEER BD RW 12.7mm Tray DL 4X BDR-<br>TD01RS LF W/O bezel SATA                               |
| AS8935G_M96XT1G<br>BCFbk_V3    | PANASONIC | NBDRW4XS | ODD PANASONIC BD RW 12.7mm Tray DL 4X UJ230A<br>LF W/O bezel SATA 2X double Layer, 4X Single Layer |
| AS8935G_M96XT1G<br>BCFbk_V3    | TOSHIBA   | NSM8XS   | ODD TOSHIBA Super-Multi DRIVE 12.7mm Tray DL 8X<br>TS-L633B LF W/O bezel SATA                      |
| AS8935G_M96XT1G<br>BCFbk_V3    | HLDS      | NSM8XS   | ODD HLDS Super-Multi DRIVE 12.7mm Tray DL 8X<br>GT20N LF W/O bezel SATA                            |
| AS8935G_M96XT1G<br>BCFbk_V3    | SONY      | NSM8XS   | ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-<br>7580S LF W/O bezel SATA                        |
| AS8935G_M96XT1G<br>BCFbk_V3    | SONY      | NSM8XS   | ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-<br>7590S LF W/O bezel 1.B0 SATA                   |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | PIONEER   | NBDCB4XS | ODD PIONEER BD COMBO 12.7mm Tray DL 4X BDC-<br>TD01RS LF W/O bezel SATA                            |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | HLDS      | NBDCB4XS | ODD HLDS BD COMBO 12.7mm Tray DL 4X CT10 LF W/<br>O bezel SATA                                     |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | SONY      | NBDCB4XS | ODD SONY BD COMBO 12.7mm Tray DL 4X BC-5500S<br>LF W/O bezel SATA                                  |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | PLDS      | NBDCB4XS | ODD PLDS BD COMBO 12.7mm Tray DL 4X DS-4E1S LF<br>W/O bezel SATA                                   |

| BOM_Name                       | BRAND     | Type     | Description                                                                                        |
|--------------------------------|-----------|----------|----------------------------------------------------------------------------------------------------|
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | PIONEER   | NBDRW4XS | ODD PIONEER BD RW 12.7mm Tray DL 4X BDR-<br>TD01RS LF W/O bezel SATA                               |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | PANASONIC | NBDRW4XS | ODD PANASONIC BD RW 12.7mm Tray DL 4X UJ230A<br>LF W/O bezel SATA 2X double Layer, 4X Single Layer |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | TOSHIBA   | NSM8XS   | ODD TOSHIBA Super-Multi DRIVE 12.7mm Tray DL 8X<br>TS-L633B LF W/O bezel SATA                      |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | HLDS      | NSM8XS   | ODD HLDS Super-Multi DRIVE 12.7mm Tray DL 8X<br>GT20N LF W/O bezel SATA                            |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | SONY      | NSM8XS   | ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-<br>7580S LF W/O bezel SATA                        |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | SONY      | NSM8XS   | ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-<br>7590S LF W/O bezel 1.B0 SATA                   |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | PIONEER   | NBDCB4XS | ODD PIONEER BD COMBO 12.7mm Tray DL 4X BDC-<br>TD01RS LF W/O bezel SATA                            |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | HLDS      | NBDCB4XS | ODD HLDS BD COMBO 12.7mm Tray DL 4X CT10 LF W/<br>O bezel SATA                                     |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | SONY      | NBDCB4XS | ODD SONY BD COMBO 12.7mm Tray DL 4X BC-5500S<br>LF W/O bezel SATA                                  |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | PLDS      | NBDCB4XS | ODD PLDS BD COMBO 12.7mm Tray DL 4X DS-4E1S LF<br>W/O bezel SATA                                   |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | PIONEER   | NBDRW4XS | ODD PIONEER BD RW 12.7mm Tray DL 4X BDR-<br>TD01RS LF W/O bezel SATA                               |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | PANASONIC | NBDRW4XS | ODD PANASONIC BD RW 12.7mm Tray DL 4X UJ230A<br>LF W/O bezel SATA 2X double Layer, 4X Single Layer |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | TOSHIBA   | NSM8XS   | ODD TOSHIBA Super-Multi DRIVE 12.7mm Tray DL 8X<br>TS-L633B LF W/O bezel SATA                      |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | HLDS      | NSM8XS   | ODD HLDS Super-Multi DRIVE 12.7mm Tray DL 8X<br>GT20N LF W/O bezel SATA                            |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | SONY      | NSM8XS   | ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-<br>7580S LF W/O bezel SATA                        |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | SONY      | NSM8XS   | ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-<br>7590S LF W/O bezel 1.B0 SATA                   |
| AS8935G_M96XT1G<br>BTCFbk_V3   | PIONEER   | NBDCB4XS | ODD PIONEER BD COMBO 12.7mm Tray DL 4X BDC-<br>TD01RS LF W/O bezel SATA                            |
| AS8935G_M96XT1G<br>BTCFbk_V3   | HLDS      | NBDCB4XS | ODD HLDS BD COMBO 12.7mm Tray DL 4X CT10 LF W/<br>O bezel SATA                                     |
| AS8935G_M96XT1G<br>BTCFbk_V3   | SONY      | NBDCB4XS | ODD SONY BD COMBO 12.7mm Tray DL 4X BC-5500S<br>LF W/O bezel SATA                                  |
| AS8935G_M96XT1G<br>BTCFbk_V3   | PLDS      | NBDCB4XS | ODD PLDS BD COMBO 12.7mm Tray DL 4X DS-4E1S LF<br>W/O bezel SATA                                   |
| AS8935G_M96XT1G<br>BTCFbk_V3   | PIONEER   | NBDRW4XS | ODD PIONEER BD RW 12.7mm Tray DL 4X BDR-<br>TD01RS LF W/O bezel SATA                               |
| AS8935G_M96XT1G<br>BTCFbk_V3   | PANASONIC | NBDRW4XS | ODD PANASONIC BD RW 12.7mm Tray DL 4X UJ230A<br>LF W/O bezel SATA 2X double Layer, 4X Single Layer |
| AS8935G_M96XT1G<br>BTCFbk_V3   | TOSHIBA   | NSM8XS   | ODD TOSHIBA Super-Multi DRIVE 12.7mm Tray DL 8X<br>TS-L633B LF W/O bezel SATA                      |
| AS8935G_M96XT1G<br>BTCFbk_V3   | HLDS      | NSM8XS   | ODD HLDS Super-Multi DRIVE 12.7mm Tray DL 8X<br>GT20N LF W/O bezel SATA                            |
| AS8935G_M96XT1G<br>BTCFbk_V3   | SONY      | NSM8XS   | ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-<br>7580S LF W/O bezel SATA                        |
| AS8935G_M96XT1G<br>BTCFbk_V3   | SONY      | NSM8XS   | ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-<br>7590S LF W/O bezel 1.B0 SATA                   |
| AS8935G_N10PGE1<br>1GBCFpbk    | PIONEER   | NBDCB4XS | ODD PIONEER BD COMBO 12.7mm Tray DL 4X BDC-<br>TD01RS LF W/O bezel SATA                            |
| AS8935G_N10PGE1<br>1GBCFpbk    | HLDS      | NBDCB4XS | ODD HLDS BD COMBO 12.7mm Tray DL 4X CT10 LF W/<br>O bezel SATA                                     |
| AS8935G_N10PGE1<br>1GBCFpbk    | SONY      | NBDCB4XS | ODD SONY BD COMBO 12.7mm Tray DL 4X BC-5500S<br>LF W/O bezel SATA                                  |

| BOM_Name                    | BRAND     | Type     | Description                                                                                     |
|-----------------------------|-----------|----------|-------------------------------------------------------------------------------------------------|
| AS8935G_N10PGE1<br>1GBCFPbk | PLDS      | NBDCB4XS | ODD PLDS BD COMBO 12.7mm Tray DL 4X DS-4E1S LF W/O bezel SATA                                   |
| AS8935G_N10PGE1<br>1GBCFPbk | PIONEER   | NBDRW4XS | ODD PIONEER BD RW 12.7mm Tray DL 4X BDR-TD01RS LF W/O bezel SATA                                |
| AS8935G_N10PGE1<br>1GBCFPbk | PANASONIC | NBDRW4XS | ODD PANASONIC BD RW 12.7mm Tray DL 4X UJ230A LF W/O bezel SATA 2X double Layer, 4X Single Layer |
| AS8935G_N10PGE1<br>1GBCFPbk | TOSHIBA   | NSM8XS   | ODD TOSHIBA Super-Multi DRIVE 12.7mm Tray DL 8X TS-L633B LF W/O bezel SATA                      |
| AS8935G_N10PGE1<br>1GBCFPbk | HLDS      | NSM8XS   | ODD HLDS Super-Multi DRIVE 12.7mm Tray DL 8X GT20N LF W/O bezel SATA                            |
| AS8935G_N10PGE1<br>1GBCFPbk | SONY      | NSM8XS   | ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7580S LF W/O bezel SATA                         |
| AS8935G_N10PGE1<br>1GBCFPbk | SONY      | NSM8XS   | ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7590S LF W/O bezel 1.B0 SATA                    |
| AS8935G_N10PGE1<br>1GBCFbk  | PIONEER   | NBDCB4XS | ODD PIONEER BD COMBO 12.7mm Tray DL 4X BDC-TD01RS LF W/O bezel SATA                             |
| AS8935G_N10PGE1<br>1GBCFbk  | HLDS      | NBDCB4XS | ODD HLDS BD COMBO 12.7mm Tray DL 4X CT10 LF W/O bezel SATA                                      |
| AS8935G_N10PGE1<br>1GBCFbk  | SONY      | NBDCB4XS | ODD SONY BD COMBO 12.7mm Tray DL 4X BC-5500S LF W/O bezel SATA                                  |
| AS8935G_N10PGE1<br>1GBCFbk  | PLDS      | NBDCB4XS | ODD PLDS BD COMBO 12.7mm Tray DL 4X DS-4E1S LF W/O bezel SATA                                   |
| AS8935G_N10PGE1<br>1GBCFbk  | PIONEER   | NBDRW4XS | ODD PIONEER BD RW 12.7mm Tray DL 4X BDR-TD01RS LF W/O bezel SATA                                |
| AS8935G_N10PGE1<br>1GBCFbk  | PANASONIC | NBDRW4XS | ODD PANASONIC BD RW 12.7mm Tray DL 4X UJ230A LF W/O bezel SATA 2X double Layer, 4X Single Layer |
| AS8935G_N10PGE1<br>1GBCFbk  | TOSHIBA   | NSM8XS   | ODD TOSHIBA Super-Multi DRIVE 12.7mm Tray DL 8X TS-L633B LF W/O bezel SATA                      |
| AS8935G_N10PGE1<br>1GBCFbk  | HLDS      | NSM8XS   | ODD HLDS Super-Multi DRIVE 12.7mm Tray DL 8X GT20N LF W/O bezel SATA                            |
| AS8935G_N10PGE1<br>1GBCFbk  | SONY      | NSM8XS   | ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7580S LF W/O bezel SATA                         |
| AS8935G_N10PGE1<br>1GBCFbk  | SONY      | NSM8XS   | ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7590S LF W/O bezel 1.B0 SATA                    |
| AS8935G_N10PGE1<br>1GBTCbF  | PIONEER   | NBDCB4XS | ODD PIONEER BD COMBO 12.7mm Tray DL 4X BDC-TD01RS LF W/O bezel SATA                             |
| AS8935G_N10PGE1<br>1GBTCbF  | HLDS      | NBDCB4XS | ODD HLDS BD COMBO 12.7mm Tray DL 4X CT10 LF W/O bezel SATA                                      |
| AS8935G_N10PGE1<br>1GBTCbF  | SONY      | NBDCB4XS | ODD SONY BD COMBO 12.7mm Tray DL 4X BC-5500S LF W/O bezel SATA                                  |
| AS8935G_N10PGE1<br>1GBTCbF  | PLDS      | NBDCB4XS | ODD PLDS BD COMBO 12.7mm Tray DL 4X DS-4E1S LF W/O bezel SATA                                   |
| AS8935G_N10PGE1<br>1GBTCbF  | PIONEER   | NBDRW4XS | ODD PIONEER BD RW 12.7mm Tray DL 4X BDR-TD01RS LF W/O bezel SATA                                |
| AS8935G_N10PGE1<br>1GBTCbF  | PANASONIC | NBDRW4XS | ODD PANASONIC BD RW 12.7mm Tray DL 4X UJ230A LF W/O bezel SATA 2X double Layer, 4X Single Layer |
| AS8935G_N10PGE1<br>1GBTCbF  | TOSHIBA   | NSM8XS   | ODD TOSHIBA Super-Multi DRIVE 12.7mm Tray DL 8X TS-L633B LF W/O bezel SATA                      |
| AS8935G_N10PGE1<br>1GBTCbF  | HLDS      | NSM8XS   | ODD HLDS Super-Multi DRIVE 12.7mm Tray DL 8X GT20N LF W/O bezel SATA                            |
| AS8935G_N10PGE1<br>1GBTCbF  | SONY      | NSM8XS   | ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7580S LF W/O bezel SATA                         |
| AS8935G_N10PGE1<br>1GBTCbF  | SONY      | NSM8XS   | ODD SONY Super-Multi DRIVE 12.7mm Tray DL 8X AD-7590S LF W/O bezel 1.B0 SATA                    |
| <b>Remote Control</b>       |           |          |                                                                                                 |
| AS8935G_M961GBT<br>CbF      | Fomosa21  | RC804V-B | Fomosa21 Remote Controller RC804V-B EU                                                          |
| AS8935G_M961GBT<br>CbF      | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B TC                                                         |

| BOM_Name                       | BRAND     | Type     | Description                             |
|--------------------------------|-----------|----------|-----------------------------------------|
| AS8935G_M961GBT<br>CbF         | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B SC |
| AS8935G_M961GBT<br>CbF         | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B EN |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B EU |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B TC |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B SC |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B EN |
| AS8935G_M96XT1G<br>BCFPbk_V3   | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B EU |
| AS8935G_M96XT1G<br>BCFPbk_V3   | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B TC |
| AS8935G_M96XT1G<br>BCFPbk_V3   | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B SC |
| AS8935G_M96XT1G<br>BCFPbk_V3   | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B EN |
| AS8935G_M96XT1G<br>BCFbk_V3    | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B EU |
| AS8935G_M96XT1G<br>BCFbk_V3    | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B TC |
| AS8935G_M96XT1G<br>BCFbk_V3    | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B SC |
| AS8935G_M96XT1G<br>BCFbk_V3    | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B EN |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B EU |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B TC |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B SC |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B EN |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B EU |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B TC |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B SC |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B EN |
| AS8935G_M96XT1G<br>BTCFbk_V3   | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B EU |
| AS8935G_M96XT1G<br>BTCFbk_V3   | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B TC |
| AS8935G_M96XT1G<br>BTCFbk_V3   | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B SC |
| AS8935G_N10PGE1<br>1GBCFpbk    | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B EU |
| AS8935G_N10PGE1<br>1GBCFpbk    | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B TC |
| AS8935G_N10PGE1<br>1GBCFpbk    | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B SC |

| BOM_Name                       | BRAND     | Type     | Description                             |
|--------------------------------|-----------|----------|-----------------------------------------|
| AS8935G_N10PGE1<br>1GBCFPbk    | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B EN |
| AS8935G_N10PGE1<br>1GBCFbk     | Fomosa21  | RC804V-B | Fomosa21 Remote Controller RC804V-B EU  |
| AS8935G_N10PGE1<br>1GBCFbk     | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B TC |
| AS8935G_N10PGE1<br>1GBCFbk     | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B SC |
| AS8935G_N10PGE1<br>1GBCFbk     | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B EN |
| AS8935G_N10PGE1<br>1GBTCbF     | Fomosa21  | RC804V-B | Fomosa21 Remote Controller RC804V-B EU  |
| AS8935G_N10PGE1<br>1GBTCbF     | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B TC |
| AS8935G_N10PGE1<br>1GBTCbF     | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B SC |
| AS8935G_N10PGE1<br>1GBTCbF     | Formosa21 | RC804V-B | Formosa21 Remote Controller RC804V-B EN |
| <b>Southbridge Chipset</b>     |           |          |                                         |
| AS8935G_M961GBT<br>CbF         | INTEL     | ICH9M    | SB Chipset Intel CS ICH9M               |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  | INTEL     | ICH9M    | SB Chipset Intel CS ICH9M               |
| AS8935G_M96XT1G<br>BCFPbk_V3   | INTEL     | ICH9M    | SB Chipset Intel CS ICH9M               |
| AS8935G_M96XT1G<br>BCFbk_V3    | INTEL     | ICH9M    | SB Chipset Intel CS ICH9M               |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | INTEL     | ICH9M    | SB Chipset Intel CS ICH9M               |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | INTEL     | ICH9M    | SB Chipset Intel CS ICH9M               |
| AS8935G_M96XT1G<br>BTCFbk_V3   | INTEL     | ICH9M    | SB Chipset Intel CS ICH9M               |
| AS8935G_N10PGE1<br>1GBCFPbk    | INTEL     | ICH9M    | SB Chipset Intel CS ICH9M               |
| AS8935G_N10PGE1<br>1GBCFbk     | INTEL     | ICH9M    | SB Chipset Intel CS ICH9M               |
| AS8935G_N10PGE1<br>1GBTCbF     | INTEL     | ICH9M    | SB Chipset Intel CS ICH9M               |
| <b>Software</b>                |           |          |                                         |
| AS8935G_M961GBT<br>CbF         |           | McAfee   | Antivirus application McAfee            |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  |           | McAfee   | Antivirus application McAfee            |
| AS8935G_M96XT1G<br>BCFPbk_V3   |           | McAfee   | Antivirus application McAfee            |
| AS8935G_M96XT1G<br>BCFbk_V3    |           | McAfee   | Antivirus application McAfee            |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 |           | McAfee   | Antivirus application McAfee            |
| AS8935G_M96XT1G<br>BTCFPbk_V3  |           | McAfee   | Antivirus application McAfee            |
| AS8935G_M96XT1G<br>BTCFbk_V3   |           | McAfee   | Antivirus application McAfee            |
| AS8935G_N10PGE1<br>1GBCFPbk    |           | McAfee   | Antivirus application McAfee            |
| AS8935G_N10PGE1<br>1GBCFbk     |           | McAfee   | Antivirus application McAfee            |

| BOM_Name                       | BRAND     | Type              | Description                                                                |
|--------------------------------|-----------|-------------------|----------------------------------------------------------------------------|
| AS8935G_N10PGE1<br>1GBTCbF     |           | McAfee            | Antivirus application McAfee                                               |
| <b>TV Antenna</b>              |           |                   |                                                                            |
| AS8935G_M961GBT<br>CbF         | WNC       | Passive Antenna   | WNC Passive Antenna                                                        |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 |           | Passive Antenna   | Avermedia Di-Pole passive TV Antenna                                       |
| AS8935G_M96XT1G<br>BTCFPbk_V3  |           | Passive Antenna   | Avermedia Di-Pole passive TV Antenna                                       |
| AS8935G_M96XT1G<br>BTCFbk_V3   |           | Passive Antenna   | Avermedia Di-Pole passive TV Antenna                                       |
| AS8935G_N10PGE1<br>1GBTCbF     | WNC       | Passive Antenna   | WNC Passive Antenna                                                        |
| <b>TV Tuner</b>                |           |                   |                                                                            |
| AS8935G_M961GBT<br>CbF         | AVerMedia | DVB-T Mini-card   | AVerMedia TV-tuner card DVB-T Mini-card A310 w/<br>Intel+MaxLinear Rev 1.0 |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | AVerMedia | DVB-T Mini-card   | AVerMedia TV-tuner card DVB-T Mini-card A310 w/<br>Intel+MaxLinear Rev 1.0 |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | AVerMedia | DVB-T Mini-card   | AVerMedia TV-tuner card DVB-T Mini-card A310 w/<br>Intel+MaxLinear Rev 1.0 |
| AS8935G_M96XT1G<br>BTCFbk_V3   | AVerMedia | DVB-T Mini-card   | AVerMedia TV-tuner card DVB-T Mini-card A310 w/<br>Intel+MaxLinear Rev 1.0 |
| AS8935G_N10PGE1<br>1GBTCbF     | AVerMedia | DVB-T Mini-card   | AVerMedia TV-tuner card DVB-T Mini-card A310 w/<br>Intel+MaxLinear Rev 1.0 |
| <b>VGA Chip</b>                |           |                   |                                                                            |
| AS8935G_M961GBT<br>CbF         | AMD       | M96               | AMD M96 55nm 29mm*29mm M2 package                                          |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  | AMD       | M96XT             | AMD M96XT 55nm 29mm*29mm M2 package                                        |
| AS8935G_M96XT1G<br>BCFPbk_V3   | AMD       | M96XT             | AMD M96XT 55nm 29mm*29mm M2 package                                        |
| AS8935G_M96XT1G<br>BCFbk_V3    | AMD       | M96XT             | AMD M96XT 55nm 29mm*29mm M2 package                                        |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | AMD       | M96XT             | AMD M96XT 55nm 29mm*29mm M2 package                                        |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | AMD       | M96XT             | AMD M96XT 55nm 29mm*29mm M2 package                                        |
| AS8935G_M96XT1G<br>BTCFbk_V3   | AMD       | M96XT             | AMD M96XT 55nm 29mm*29mm M2 package                                        |
| <b>VRAM</b>                    |           |                   |                                                                            |
| AS8935G_N10PGE1<br>1GBCFPbk    | NVIDIA    | N10PGE1           | NVIDIA N10PGE1 55nm 29mm*29mm GB1-128 package                              |
| AS8935G_N10PGE1<br>1GBCFbk     | NVIDIA    | N10PGE1           | NVIDIA N10PGE1 55nm 29mm*29mm GB1-128 package                              |
| AS8935G_N10PGE1<br>1GBTCbF     | NVIDIA    | N10PGE1           | NVIDIA N10PGE1 55nm 29mm*29mm GB1-128 package                              |
| AS8935G_M961GBT<br>CbF         |           | 1G-DDR2(64*16*8)  | 1G-DDR2 64*16*8                                                            |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  |           | 1G-DDR3 (64*16*8) | 1G-DDR3 64*16*8                                                            |
| AS8935G_M96XT1G<br>BCFPbk_V3   |           | 1G-DDR3 (64*16*8) | 1G-DDR3 64*16*8                                                            |
| AS8935G_M96XT1G<br>BCFbk_V3    |           | 1G-DDR3 (64*16*8) | 1G-DDR3 64*16*8                                                            |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 |           | 1G-DDR3 (64*16*8) | 1G-DDR3 64*16*8                                                            |
| AS8935G_M96XT1G<br>BTCFPbk_V3  |           | 1G-DDR3 (64*16*8) | 1G-DDR3 64*16*8                                                            |

| BOM_Name                       | BRAND | Type              | Description                                                           |
|--------------------------------|-------|-------------------|-----------------------------------------------------------------------|
| AS8935G_M96XT1G<br>BTCFbk_V3   |       | 1G-DDR3 (64*16*8) | 1G-DDR3 64*16*8                                                       |
| AS8935G_N10PGE1<br>1GBCFPbk    |       | 1G-DDR2(64*16*8)  | 1G-DDR2 64*16*8                                                       |
| AS8935G_N10PGE1<br>1GBCFbk     |       | 1G-DDR2(64*16*8)  | 1G-DDR2 64*16*8                                                       |
| AS8935G_N10PGE1<br>1GBTCbF     |       | 1G-DDR2(64*16*8)  | 1G-DDR2 64*16*8                                                       |
| <b>WiFi Antenna</b>            |       |                   |                                                                       |
| AS8935G_M961GBT<br>CbF         | WNC   | PIFA              | PIFA                                                                  |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  | WNC   | PIFA              | PIFA                                                                  |
| AS8935G_M96XT1G<br>BCFPbk_V3   | WNC   | PIFA              | PIFA                                                                  |
| AS8935G_M96XT1G<br>BCFbk_V3    | WNC   | PIFA              | PIFA                                                                  |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | WNC   | PIFA              | PIFA                                                                  |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | WNC   | PIFA              | PIFA                                                                  |
| AS8935G_M96XT1G<br>BTCFbk_V3   | WNC   | PIFA              | PIFA                                                                  |
| AS8935G_N10PGE1<br>1GBCFPbk    | WNC   | PIFA              | PIFA                                                                  |
| AS8935G_N10PGE1<br>1GBCFbk     | WNC   | PIFA              | PIFA                                                                  |
| AS8935G_N10PGE1<br>1GBTCbF     | WNC   | PIFA              | PIFA                                                                  |
| <b>WLAN</b>                    |       |                   |                                                                       |
| AS8935G_M961GBT<br>CbF         | INTEL | SP1x2MMW          | Lan Intel WLAN 512AN_MMWG Shirley Peak 5100<br>MM#895361              |
| AS8935G_M961GBT<br>CbF         | INTEL | SP1x2MABG         | Lan Intel WLAN 512AG_MMWG Shirley Peak 5100<br>MM#897004              |
| AS8935G_M961GBT<br>CbF         | INTEL | SP1x2MMW          | Lan Intel WLAN 512AN_MMWG2 Shirley Peak 5100 ME<br>enable / MM#899541 |
| AS8935G_M961GBT<br>CbF         | INTEL | SP3x3MMW          | Lan Intel WLAN 533AN_MMWG2 Shirley Peak 5300 ME<br>enable / MM#899545 |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  | INTEL | SP1x2MMW          | Lan Intel WLAN 512AN_MMWG Shirley Peak 5100<br>MM#895361              |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  | INTEL | SP1x2MABG         | Lan Intel WLAN 512AG_MMWG Shirley Peak 5100<br>MM#897004              |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  | INTEL | SP1x2MMW          | Lan Intel WLAN 512AN_MMWG2 Shirley Peak 5100 ME<br>enable / MM#899541 |
| AS8935G_M96XT1G<br>BCFPbkQ_V3  | INTEL | SP3x3MMW          | Lan Intel WLAN 533AN_MMWG2 Shirley Peak 5300 ME<br>enable / MM#899545 |
| AS8935G_M96XT1G<br>BCFPbk_V3   | INTEL | SP1x2MMW          | Lan Intel WLAN 512AN_MMWG Shirley Peak 5100<br>MM#895361              |
| AS8935G_M96XT1G<br>BCFPbk_V3   | INTEL | SP1x2MABG         | Lan Intel WLAN 512AG_MMWG Shirley Peak 5100<br>MM#897004              |
| AS8935G_M96XT1G<br>BCFPbk_V3   | INTEL | SP1x2MMW          | Lan Intel WLAN 512AN_MMWG2 Shirley Peak 5100 ME<br>enable / MM#899541 |
| AS8935G_M96XT1G<br>BCFPbk_V3   | INTEL | SP3x3MMW          | Lan Intel WLAN 533AN_MMWG2 Shirley Peak 5300 ME<br>enable / MM#899545 |
| AS8935G_M96XT1G<br>BCFbk_V3    | INTEL | SP1x2MMW          | Lan Intel WLAN 512AN_MMWG Shirley Peak 5100<br>MM#895361              |
| AS8935G_M96XT1G<br>BCFbk_V3    | INTEL | SP1x2MABG         | Lan Intel WLAN 512AG_MMWG Shirley Peak 5100<br>MM#897004              |

| BOM_Name                       | BRAND | Type      | Description                                                        |
|--------------------------------|-------|-----------|--------------------------------------------------------------------|
| AS8935G_M96XT1G<br>BCFbk_V3    | INTEL | SP1x2MMW  | Lan Intel WLAN 512AN_MMWG2 Shirley Peak 5100 ME enable / MM#899541 |
| AS8935G_M96XT1G<br>BCFbk_V3    | INTEL | SP3x3MMW  | Lan Intel WLAN 533AN_MMWG2 Shirley Peak 5300 ME enable / MM#899545 |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | INTEL | SP1x2MMW  | Lan Intel WLAN 512AN_MMWG Shirley Peak 5100 MM#895361              |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | INTEL | SP1x2MABG | Lan Intel WLAN 512AG_MMWG Shirley Peak 5100 MM#897004              |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | INTEL | SP1x2MMW  | Lan Intel WLAN 512AN_MMWG2 Shirley Peak 5100 ME enable / MM#899541 |
| AS8935G_M96XT1G<br>BTCFPbkQ_V3 | INTEL | SP3x3MMW  | Lan Intel WLAN 533AN_MMWG2 Shirley Peak 5300 ME enable / MM#899545 |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | INTEL | SP1x2MMW  | Lan Intel WLAN 512AN_MMWG Shirley Peak 5100 MM#895361              |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | INTEL | SP1x2MABG | Lan Intel WLAN 512AG_MMWG Shirley Peak 5100 MM#897004              |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | INTEL | SP1x2MMW  | Lan Intel WLAN 512AN_MMWG2 Shirley Peak 5100 ME enable / MM#899541 |
| AS8935G_M96XT1G<br>BTCFPbk_V3  | INTEL | SP3x3MMW  | Lan Intel WLAN 533AN_MMWG2 Shirley Peak 5300 ME enable / MM#899545 |
| AS8935G_M96XT1G<br>BTCFbk_V3   | INTEL | SP1x2MMW  | Lan Intel WLAN 512AN_MMWG Shirley Peak 5100 MM#895361              |
| AS8935G_M96XT1G<br>BTCFbk_V3   | INTEL | SP1x2MABG | Lan Intel WLAN 512AG_MMWG Shirley Peak 5100 MM#897004              |
| AS8935G_M96XT1G<br>BTCFbk_V3   | INTEL | SP1x2MMW  | Lan Intel WLAN 512AN_MMWG2 Shirley Peak 5100 ME enable / MM#899541 |
| AS8935G_M96XT1G<br>BTCFbk_V3   | INTEL | SP3x3MMW  | Lan Intel WLAN 533AN_MMWG2 Shirley Peak 5300 ME enable / MM#899545 |
| AS8935G_N10PGE1<br>1GBCFpbk    | INTEL | SP1x2MMW  | Lan Intel WLAN 512AN_MMWG Shirley Peak 5100 MM#895361              |
| AS8935G_N10PGE1<br>1GBCFpbk    | INTEL | SP1x2MABG | Lan Intel WLAN 512AG_MMWG Shirley Peak 5100 MM#897004              |
| AS8935G_N10PGE1<br>1GBCFpbk    | INTEL | SP1x2MMW  | Lan Intel WLAN 512AN_MMWG2 Shirley Peak 5100 ME enable / MM#899541 |
| AS8935G_N10PGE1<br>1GBCFpbk    | INTEL | SP3x3MMW  | Lan Intel WLAN 533AN_MMWG2 Shirley Peak 5300 ME enable / MM#899545 |
| AS8935G_N10PGE1<br>1GBCFbk     | INTEL | SP1x2MMW  | Lan Intel WLAN 512AN_MMWG Shirley Peak 5100 MM#895361              |
| AS8935G_N10PGE1<br>1GBCFbk     | INTEL | SP1x2MABG | Lan Intel WLAN 512AG_MMWG Shirley Peak 5100 MM#897004              |
| AS8935G_N10PGE1<br>1GBCFbk     | INTEL | SP1x2MMW  | Lan Intel WLAN 512AN_MMWG2 Shirley Peak 5100 ME enable / MM#899541 |
| AS8935G_N10PGE1<br>1GBCFbk     | INTEL | SP3x3MMW  | Lan Intel WLAN 533AN_MMWG2 Shirley Peak 5300 ME enable / MM#899545 |
| AS8935G_N10PGE1<br>1GBTCbF     | INTEL | SP1x2MMW  | Lan Intel WLAN 512AN_MMWG Shirley Peak 5100 MM#895361              |
| AS8935G_N10PGE1<br>1GBTCbF     | INTEL | SP1x2MABG | Lan Intel WLAN 512AG_MMWG Shirley Peak 5100 MM#897004              |
| AS8935G_N10PGE1<br>1GBTCbF     | INTEL | SP1x2MMW  | Lan Intel WLAN 512AN_MMWG2 Shirley Peak 5100 ME enable / MM#899541 |
| AS8935G_N10PGE1<br>1GBTCbF     | INTEL | SP3x3MMW  | Lan Intel WLAN 533AN_MMWG2 Shirley Peak 5300 ME enable / MM#899545 |

# Online Support Information

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This section describes online technical support services available to help you repair your Acer Systems.

If you are a distributor, dealer, ASP or TPM, please refer your technical queries to your local Acer branch office. Acer Branch Offices and Regional Business Units may access our website. However some information sources will require a user i.d. and password. These can be obtained directly from Acer CSD Taiwan.

Acer's Website offers you convenient and valuable support resources whenever you need them.

In the Technical Information section you can download information on all of Acer's Notebook, Desktop and Server models including:

- Service guides for all models
- User's manuals
- Training materials
- Bios updates
- Software utilities
- Spare parts lists
- TABs (Technical Announcement Bulletin)

For these purposes, we have included an Acrobat File to facilitate the problem-free downloading of our technical material.

Also contained on this website are:

- Detailed information on Acer's International Traveler's Warranty (ITW)
- Returned material authorization procedures
- An overview of all the support services we offer, accompanied by a list of telephone, fax and email contacts for all your technical queries.

We are always looking for ways to optimize and improve our services, so if you have any suggestions or comments, please do not hesitate to communicate these to us.



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