

Picasso

SERVICE GUIDE

acer

Revision History

Refer to the table below for the updates made to this service guide.

Date	Chapter	Updates

Service guide files and updates are available on the ACER/CSD Website. For more information, go to <http://csd.acer.com.tw>. The information in this guide is subject to change without notice.

Copyright

Copyright © 2011 by Acer Incorporated. All rights reserved. No part of this publication may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language or computer language, in any form or by any means, electronic, mechanical, magnetic, optical, chemical, manual or otherwise, without the prior written permission of Acer Incorporated.

Disclaimer

The information in this guide is subject to change without notice.

There are no representations or warranties, either expressed or implied, with respect to the contents hereof and specifically disclaims any warranties of merchantability or fitness for any particular purpose. The software described in this manual is sold or licensed "as is". Should the programs prove defective following their purchase, the buyer (not the manufacturer, distributor, or its dealer) assumes the entire cost of all necessary servicing, repair, and any incidental or consequential damages resulting from any defect in the software.

Conventions

The following conventions are used in this manual:

⚠ WARNING:

Indicates a potential for personal injury.

⚠ CAUTION:

Indicates a potential loss of data or damage to equipment.

+ IMPORTANT:

Indicates information that is important to know for the proper completion of a procedure, choice of an option, or completing a task.

⇒ NOTE:

Follow local regulations for battery and circuit board disposal. Batteries and Circuit Boards >10 cm² have been highlighted with a yellow rectangle.

The following typographical conventions are used in this document:

- Book titles, directory names, file names, path names, and program/process names are shown in *italics*.

Example:

the *DRS5 User's Guide*

/usr/local/bin/fd

the */TPH15spool_M* program

- Computer output (text that represents information displayed on a computer screen, such as menus, prompts, responses to input, and error messages) are shown in constant width.

Example:

[01] The server has been stopped

- User input (text that represents information entered by a computer user, such as command names, option letters, and words) are shown in constant width bold.

Variables contained within user input are shown in angle brackets (< >).

Example:

At the prompt, type run **<file name> -m**

- Keyboard keys are shown in ***bold italics***.

Example:

After entering data, press ***Enter***.

General Information

This service guide provides all technical information relating to the basic configuration for Acer 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 (such as add-on cards, modems, or extra memory capabilities). These localized features are not covered in this generic service guide. In such cases, contact your regional offices or the responsible personnel/channel to provide further technical details.

When ordering FRU parts:

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 may not be noted in this printed service guide.

Acer-authorized Service Providers:

Your Acer office may have a different part number code than those given in the FRU list in this service guide. The list provided by your regional Acer office must be used to order FRU parts for repair and service of customer machines.

CHAPTER 1

Hardware Specifications

Features	1-5
Form Factor	1-5
CPU	1-5
Memory	1-5
LCM	1-5
Network	1-5
GPS/A GPS	1-5
Camera	1-6
Connectivity	1-6
Input	1-6
Output	1-6
Audio	1-6
Operation System	1-6
Dimension and Weight	1-6
Expansion Slot	1-7
AC Adapter and Battery	1-7
Green Requirement	1-7
Others	1-7
Accessory	1-7
Notebook Tour	1-8
Front View	1-8
Rear View	1-9
Top View	1-10
Left View	1-11
Right View	1-12
Bottom View	1-13
System Block Diagram	1-14
Specification Tables	1-15
Computer specifications	1-15
System Board Major Chips	1-16
Processor	1-16
Processor Specifications	1-17
System Memory	1-17
Memory Combinations	1-18
Video Interface	1-18
Embedded MultiMediaCard (AVL components)	1-21
LED 10.1"	1-22
Display Supported Resolution (LCD)	1-23
Display Supported Resolution (GPU)	1-23
Bluetooth Interface	1-23
Bluetooth Module	1-23
Front Camera	1-24

Rear Camera	1-24
Mini Card	1-24
3G Card	1-24
Audio Codec and Amplifier	1-25
Audio Interface	1-25
Wireless Module 802.11b/g/n	1-26
Battery	1-26
VRAM	1-26
USB Port	1-26
HDMI Port	1-26
AC Adapter	1-27
System Power Management	1-27
Card Reader	1-27
System LED Indicator	1-27
System DMA Specification	1-28

CHAPTER 2

System Utilities

Introduction	2-3
------------------------	-----

CHAPTER 3

Maintenance Procedures

Introduction	3-3
General Information	3-3
Recommended Equipment	3-3
Maintenance Flowchart	3-4
Getting Started	3-5
SIM/Micro-SD Card Removal	3-6
SIM/Micro-SD Card Installation	3-8
Lower Case Removal	3-9
Lower Case Installation	3-12
DC-In Cable Removal	3-17
DC-In Cable Installation	3-19
Battery Removal	3-20
Battery Installation	3-21
3G Module Removal	3-22
3G Module Installation	3-24
Docking Board Removal	3-25
Docking Board Installation	3-28
GPS Antenna Removal	3-29
GPS Antenna Installation	3-30

Mainboard Removal	3-31
Mainboard Installation	3-33
Rear CCD Removal	3-36
Rear CCD Installation	3-38
Front CCD Removal	3-39
Front CCD Installation	3-39
Two-Piece Microphone Removal	3-40
Two-Piece Microphone Installation	3-41
Speakers Removal	3-42
Speakers Installation	3-42
USB Module Removal	3-43
USB Module Installation	3-44
LCD Support Plate Removal	3-46
LCD Support Plate Installation	3-49
Touch Screen Board Removal	3-50
Touch Screen Board Installation	3-51
3G Antenna Removal	3-53
3G Antenna Installation	3-53
WLAN Antenna Removal	3-55
WLAN Antenna Installation	3-56

CHAPTER 4

Troubleshooting

Introduction	4-3
General Information	4-3
Power On Issues	4-4
No Display Issues	4-5
LCD Picture Failure	4-6
Touch Screen Failure	4-7
Internal Speaker Failure	4-8
Internal Microphone Failure	4-9
USB Failure	4-10
Front Camera Failure	4-11
Back Camera Failure	4-12
P-Sensor Failure	4-13
3G Function Failure	4-14
Wireless Function Test Failure	4-15
GPS Function Test Failure (Wi-Fi SKU)	4-16
GPS Function Test Failure (3G SKU)	4-17
Docking Station Test Failure	4-18
Other Functions Failure	4-19

CHAPTER 5
Jumper and Connector Locations

Mainboard5-3

CHAPTER 6
Field Replaceable Unit List

Exploded Diagrams6-4
 Main Assembly6-4
FRU List6-8
Screw List6-12

CHAPTER 7
Model Definition and Configuration

A5007-3
A5017-12

CHAPTER 8
Test Compatible Components

Android OS Environment Test.8-4
 ICONIA Tablet A500/5018-4

CHAPTER 9
Online Support Information

Introduction9-3

CHAPTER 1

Hardware Specifications

Features	1-5
Form Factor	1-5
CPU	1-5
Memory	1-5
LCM	1-5
Network	1-5
GPS/A GPS	1-5
Camera	1-6
Connectivity	1-6
Input	1-6
Output	1-6
Audio	1-6
Operation System	1-6
Dimension and Weight	1-6
Expansion Slot	1-7
AC Adapter and Battery	1-7
Green Requirement	1-7
Others	1-7
Accessory	1-7
Notebook Tour	1-8
Front View	1-8
Rear View	1-9
Top View	1-10
Left View	1-11
Right View	1-12
Bottom View	1-13
System Block Diagram	1-14
Specification Tables	1-15
Computer specifications	1-15
Processor	1-16
Processor Specifications	1-17
System Memory	1-17
Video Interface	1-18
Display Supported Resolution (GPU)	1-23
Bluetooth Interface	1-23
Bluetooth Module	1-23
Rear Camera	1-24
Mini Card	1-24
3G Card	1-24
Audio Interface	1-25
Battery	1-26
VRAM	1-26
USB Port	1-26
HDMI Port	1-26
AC Adapter	1-27
System Power Management	1-27

Card Reader 1-27

System LED Indicator 1-27

System DMA Specification 1-28

Hardware Specifications and Configurations

Features

The following is a summary of the computer's many features:

Form Factor

- 10.1" Tablet

CPU

- Tegra 250 Dual cortex A9, 1GHz
- GPU Ultra Low Power GeForce® GPU

Memory

- RAM: LP DDR2 1GB
- eMMC: eMMC: 16G / 32G two SKU (SanDisk / Samsung)

LCM

- 10.1" WXGA LCM (1280*800 AUO)
 - Wide view angle
 - LVDS interface

Network

- G Module HUAWEI EM770W (with GPS/AGPS)
 - UMTS /WCDMA 1, 2, 5, 8 2100/1900/850/900
 - HSPA : HSDPA up to 7.2 Mbps/ HSUPA up to 5.76Mbps
 - GSM/GPRS/EDGE 850MHz / 900MHz / 1800Mhz / 1900Mhz
- 3G Module Erisson F5521gw (with GPS/AGPS)
 - UMTS /WCDMA 1, 2, 5, 8 2100/1900/850/900
 - HSPA+ : HSDPA up to 21Mbps/ HSUPA up to 5.76Mbps
 - GSM/GPRS/EDGE 850MHz / 900MHz / 1800Mhz / 1900Mhz
- 3G Module HUAWEI EM820W (with GPS/AGPS)
 - UMTS /WCDMA 1, 2, 5, 8 2100/1900/850/900
 - HSPA+ : HSDPA up to 21Mbps / HSUPA up to 5.76Mbps
 - GSM/GPRS/EDGE 850MHz / 900MHz / 1800Mhz / 1900Mhz

GPS/A GPS

- WIFI SKU : Broadcom - stand alone, not support A-GPS
- 3G SKU : on 3G module, support GPS and A-GPS

Camera

- Main camera: 5M Camera with Auto focus
 - with flash lights (single LED)
- Second camera : 2M FF

Connectivity

- Bluetooth® 2.1+EDR
- Wi-Fi IEEE 802.11b/g/n (2.4Ghz)
- USB
 - Micro USB 2.0 type B for Client
 - USB 2.0 Host

Input

- Capacitive Multi-Touch Screen (Real 4 touch, up to 10)
- Function buttons
 - Side (mechanical key):
 - Volume Up, Volume Down, screen lock
 - Power: with back light-white/orange
- Sensors
 - G-Sensor
 - E-Compass
 - L Sensor
 - Gyro-meter

Output

- HDMI D-type (support Dual Display)

Audio

- Dual analog Microphone (Beam-forming, Noise /echo cancellation)
- Dual Speaker
- 3.5mm Audio Jack 4ring (with Mic)
- Dolby mobile

Operation System

- Android Honeycomb

Dimension and Weight

Dimensions

- 260 (L) x 177 (W) x 13.3 (H) mm

Weight

- WIFI SKU: <765g
- 3G SKU: <777g

Expansion Slot

- MicroSD memory card up to 32G (SDHC 2.0 compatible)

AC Adapter and Battery

Battery

- Rechargeable Lithium-ion polymer battery
- Capacity: 24.1W (3260mAh cell , 2S1P)

AC Adapter

- Voltage range/frequency: 100 ~ 240V AC, 50/60 Hz
- DC output: 12V and 1.5 A, 18W

Green Requirement

- Rohs compliance
- WEEE compliance
- Hologen free, at least PVC free
- SMT Green process

Others

- Reset hole
- Docking (Support Charging , Audio out and IR remote control, not support HDMI)

Accessory

In Box

- USB Cable
- Charger + Plug
- QSG

⇒ NOTE:

will not have protective film

Optional

- Micro SD Card
- Dock with IR remote control
- HDMI Cable
- Pouch

Notebook Tour

Front View

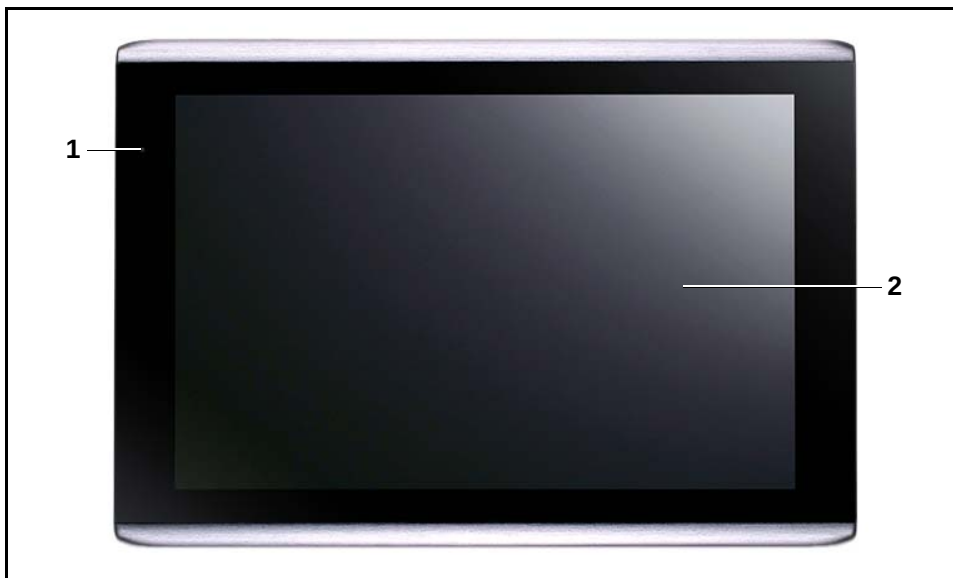


Figure 1-1. Front View

Table 1-1. Front View

#	Icon	Item	Description
1		Front Camera	5M Pixel CCD
2		Touch Window	

Rear View



Figure 1-2. Front View

Table 1-2. Front View

#	Icon	Item	Description
1		2M Pixel CCD & LED	
2		2 Speakers	

Top View

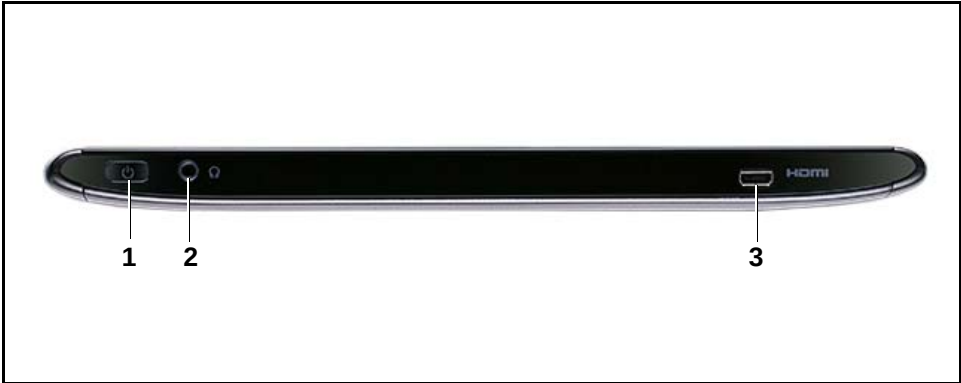


Figure 1-3. Top View

Table 1-3. Top View

#	Icon	Item	Description
1		Power Button	
2		Headset Jack	
3		HDMI Jack	

Left View

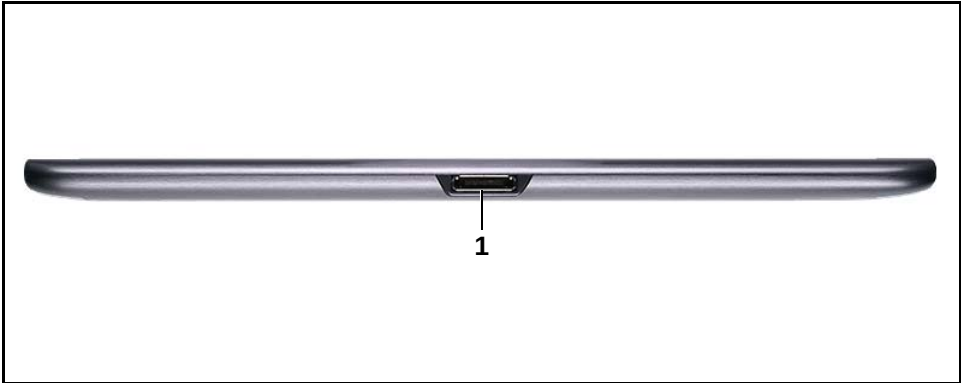


Figure 1-4. Left View

Table 1-4. Left View

#	Icon	Item	Description
1		Docking Station Jack	

Right View

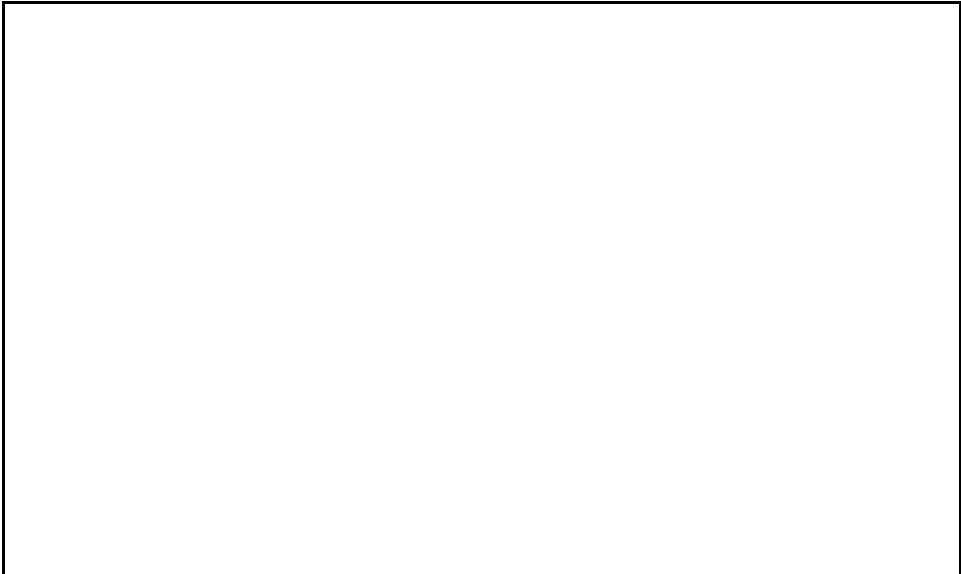


Figure 1-5. Right View

Table 1-5. Right View

#	Icon	Item	Description
1		Volume Button	
2		Touch Screen Lock Switch	
3		Micro-SD & SIM Card Ports	

Bottom View



Figure 1-6. Bottom View

Table 1-6. Bottom View

#	Icon	Item	Description
1		Reset Button	
2		USB Port	
3		Micro-USB Port	
4		AC Adapter Jack	

Figure 1-7. System Block Diagram

Specification Tables

Computer specifications

Item	Metric	Imperial
Dimensions		
Length	260mm	10.23in
Width	177mm	6.96in
Height (front to rear)	13.3mm	0.52in
Weight (equipped with optical drive, flash drive, and battery)	750g	1.65lb
Weight (equipped with optical drive, flash drive, and battery)	N/A	N/A
Input power		
Operating voltage	12.0 V dc @ 1.5 A - 18 W	
Operating current	1.5 A	
Temperature		
Operating (not writing to optical disc)	0°C to 50°C	32°F to 122°F
Operating (writing to optical disc)	0°C to 50°C	32°F to 122°F
Nonoperating	-20°C to 60°C	-4°F to 140°F
Relative humidity		
Operating	10% to 90%	
Nonoperating	5% to 95%	
Maximum altitude (unpressurized)		
Operating	-15 m to 3,048 m	-50 ft to 10,000 ft
Nonoperating	-15 m to 12,192 m	-50 ft to 40,000 ft
Shock		
Operating	125 g, 2 ms, half-sine	
Nonoperating	200 g, 2 ms, half-sine	
Random vibration		
Operating	0.75 g zero-to-peak, 10 Hz to 500 Hz, 0.25 oct/min sweep rate	
Nonoperating	1.50 g zero-to-peak, 10 Hz to 500 Hz, 0.25 oct/min sweep rate	
⇒ NOTE: Applicable product safety standards specify thermal limits for plastic surfaces. The computer operates well within this range of temperatures.		

System Board Major Chips

Item	Specification
Core logic	Tegra 250 Dual cortex A9, 1GHz
VGA	Integrate in Tegra 250 CPU
LAN	not in this computer
USB 2.0	Integrate in Tegra 250 CPU
Super I/O controller	N/A
Bluetooth	Broadcom BCM4329
Wireless	Broadcom BCM4329
PCMCIA	N/A
Audio codec	Wolfson WM8903
Card reader	SD 2.0 Integrate in Tegra 250 CPU
LVDS transmitter	SN75LVDS83B
PMU	TI TPS658621C
DDR2	Elpida EDB8132B2PB 1GB
ULPI Phy for USB	SMSC USB3315
GPS	Broadcom BCM4751
TOUCH controller	Atmel ATMXT 1386-CHIPSET1PJA101
eMMC	Hynix H26M32001DAR
CAMERA	• Omnivision OV5650: 5M • Various CSI: 2M
Thermal Sensor	Onsemi NTC1008
Battery Charger	TI BQ24617
Compass	Asahi Kasei AKM8975C
Gyro	Invensense MPU-3050
ALS/Proximity	Lite On AL3000A / AZOTEK IQS128

Processor

Item	Specification
CPU type	Dual-core ARM [®] Cortex-A9 MPcore Processor
CPU package	23 x 23 FCBGA
Core Logic	Integrate in Tegra 250 CPU
Chipset	Integrate in Tegra 250 CPU

Processor Specifications

Item	CPU Speed (GHz)	Cores/Threads	Bus Speed (FSB/DMI/QBI)	Mfg Tech (nm)	Cache Size	Package	Voltage
T20	1 GHz	2 Cores		40 nm		23x23 FCBGA	1.0-1.2V

CPU Fan True Value Table (N/A)

CPU Temperature	Fan Speed (RPM)	SPL Spec (dBA)
60		
70		
80		
90		
100		

System Memory

Item	Specification
Memory controller	Build in CPU
Memory size	1G LPDDRII
DIMM socket number	N/A. On board memory
Supports memory size per socket	N/A
Supports maximum memory size	On board LP-DDR2 1GB
Supports DIMM type	N/A
Supports DIMM Speed	N/A
Support DIMM voltage	N/A
Supports DIMM package	N/A

Memory Combinations

Slot 1 (MB)	Slot 2 (MB)	Total Memory (MB)
0	1024	1024
0	2048	2048
0	4096	4096
0	8192	8192
1024	0	1024
1024	1024	2048
1024	2048	3072
1024	4096	5120
1024	8192	9216
2048	0	2048
2048	1024	3072
2048	2048	4096
2048	4096	6144
2048	8192	10240
4096	0	4096
4096	1024	5120
4096	2048	6144
4096	4096	8192
4096	8192	12288
8192	0	8192
8192	1024	9216
8192	2048	10240
8192	4096	12288
8192	8192	16384

Video Interface

Item	Specification
Chipset	Wolfson WM8903
Package	QFN 5X5 40 pin
Interface	I2S
Compatibility	I2S audio Interface.
Sampling rate	44.1KHz

BIOS (N/A)

Item	Specification
BIOS vendor	
BIOS Version	
BIOS ROM type	
BIOS ROM size	
Features	

LAN Interface (N/A)

Item	Specification
LAN Chipset	
LAN connector type	
LAN connector location	
Features	

Keyboard (N/A)

Item	Specification
Type	
Total number of keypads	
Windows logo key	
Internal & external keyboard work simultaneously	
Features	

Hard Disk Drive (AVL components) (N/A)

Item	Specification			
Vendor & Model Name				
Capacity (GB)				
Bytes per sector				
Data heads				
Drive Format				
Disks				
Spindle speed (RPM)				
Performance Specifications				
Buffer size				
Interface				
Fast data transfer rate (Mbits / sec, max)				
Media data transfer rate (Mbytes/sec max)				
DC Power Requirements				
Voltage tolerance				
⇒ NOTE:				

Embedded MultiMediaCard (AVL components)

Item	Specification			
Vendor & Model Name	Sandisk SDIN4C2-16G	Samsung KLMA44EEHM	Sandisk SDIN4E2-32G	Samsung KLMBG8FEJA
Capacity (GB)	16G	16G	32G	32G
DC Power Requirements				
Voltage tolerance	1.8V			

Super-Multi Drive (N/A)

Item	Specification	
Vendor & Model name		
Performance Specification		
Transfer rate (KB/sec)		
Buffer Memory		
Interface		
Applicable disc format		
Loading mechanism		
Power Requirement		
Input Voltage		

BD Drive (N/A)

Items	Specifications		
Vendor & Model name			
Performance Specification			
Transfer rate (KB/sec)			
Buffer Memory			
Interface			
Applicable disc format			
Loading mechanism			
Power Requirement			
Input Voltage			

LED 10.1”

Item	Specification
Vendor/Model name	AUO/B101EW05 V1
Screen Diagonal (mm)	255.85 mm
Active Area (mm)	216.96 mm x 135.6 mm
Display resolution (pixels)	1280x 3(RGB) x 800
Pixel Pitch (mm)	0.1695mm × 0.1695mm
Typical White Luminance (cd/m ²) also called Brightness	300 cd/m ²
Contrast Ratio	1000 min / 1300 type
Response Time (Optical Rise Time/Fall Time) msec	25 ms / 35 ms
Typical Power Consumption (watt)	3.4 W
Weight (without inverter)	180 max
Physical Size (mm)	229.46 mm x 149.1mm x 5.2 max
Electrical Interface	1 channel LVDS
Viewing Angle (degree) Horizontal (Right) CR = 10 (Left) Vertical (Upper) CR = 10 (Lower)	85 (Right) / 85 (Left) / 85 (Upper) / 85 (Lower) Typ.

LCD Inverter (N/A)

Item	Specification
Vendor & Model name	
Brightness conditions	
Input voltage (v)	
Input current (mA)	
Output voltage (V, RMS)	
Output current (mA, RMS)	
Output voltage frequency (KHz)	

Display Supported Resolution (LCD)

Resolution	16 bits	32 bits	Intel	NVIDIA	ATI
1280x 3(RGB) x 800	X	X	X	V	X
⇒ NOTE: Resolution fixed at 1280 x 800. Not adjustable by end user.					

Graphics Controller (N/A)

Item	Specification
VGA Chip	
Supports	

Display Supported Resolution (GPU)

Resolution	16 bits	32 bits	Intel	NVIDIA	ATI
1280x 3(RGB) x 800	X	X	X	V	X
⇒ NOTE: Resolution fixed at 1280 x 800. Not adjustable by end user.					

Bluetooth Interface

Item	Specifications
Chipset	Azurewave AW-NH611- Broadcom 4329 SIP
Data throughput	• TX 1.2Mbps/sec • RX 1.2Mbps/sec
Protocol	• OPP 1.0 (Object Push Profile) • OBEX 1.1 (Object Exchange Profile) • HSP 1.1 (Headset Profile) • A2DP 1.2 (Advanced Audio Distribution Profile) • AVRCP 1.0 (Audio/Video Remote Control Profile) • GAVDP 1.0 (Generic Audio/Video Distribution Profile) • GAP (Generic Access Profile)
Interface	SIP
Connector type	SIP
Supported protocol	A2DP

Bluetooth Module

Item	Specifications
Controller	Azurewave AW-NH611 - Broadcom BCM4329 SoC
Features	• Fully support BT 2.1 +EDR • UART Interface

Front Camera

Item	Specification
Vendor and Model	Chicony / Aptina 2031
Type	2M

Rear Camera

Item	Specification
Vendor and Model	• Liteon / OV5650 CSI • Liteon / Aptina 5140
Type	5M

Mini Card

Item	Specification
Number supported	1
Features	1 mini card slot (for WWAN)

3G Card

Item	Specification
Features	• 3G Module with Huawei 770W • 3G Module with Huawei 820W • 3G Module with Ericsson 5521gw • 3G Module with Gobi3000

Audio Codec and Amplifier

Item	Specification
Audio Controller	Audio codec: Wolfson WM8903
Features	• 4.5mW Power consumption for DAC to headphone playback • DAC SNR 96dB typical , THD -86dB typical • ADC SNR 92dB typical , THD -80dB typical • Control sequencer for pop minimized start-up and shut-down • Single register write for default start-up sequence • Stereo digital microphone input • 3 single ended inputs per stereo channel • 2 pseudo differential inputs per stereo channel • 1 fully differential mic inputs per stereo channel • Digital Dynamic Range Controller • Digital sidetone mixing • Ground-referenced headphone driver • Ground-referenced line input • Stereo differential line driver for direct interface to WM9001 speaker driver • 40-pin5x5mm QFN package
Amplifier	N/A
Features	N/A

Audio Interface

Item	Specification
Audio Controller	Wolfson WM8903
Audio onboard or optional	On board
Mono or Stereo	Stereo
Resolution	Support 24bit
Compatibility	I2S audio Interface
Sampling rate	Sample rate up to 44.1KHz
Internal microphone	Yes
Internal speaker/quantity	Yes/(1W speakers x2)

Wireless Module 802.11b/g/n

Item	Specification
Chipset	Azurewave AW-NH611 - Broadcom BCM4329 SoC
Data throughput	• 802.11b/g: 11~54 Mbps • 802.11n: MCS 0-7
Protocol	IEEE 802.11b/g/n
Interface	SDIO/SPI interface.

Battery

Item	Specification
Vendor & Model name	SIMPLO BAT-1010 SANYO BAT100
Battery Type	Li-ion
Pack capacity	3260mAh/24Wh
Number of battery cell	2
Package configuration	2S1P

VRAM

Item	Specification
Chipset	T20 UMA architecture
Memory size	Share 16 ~ 256MB
Interface	LPDDR2

USB Port

Item	Specification
USB compliance level	USB2.0
Protocol	EHCI
Number of USB port(s)	2
Location	two at the right side
Output Current	1.5A (for USB host port)

HDMI Port

Item	Specification
Compliance level	HDMI1.3a
Data throughput	Up to 16.7 million colors
Number of HDMI port(s)	1
Location	JHDMI1 at the left side

AC Adapter

Item	Specification
Input rating	18W
Maximum input AC current	0.5A(RMS) at 100Vac
Inrush current	60A Max. @230Vac
Efficiency	Refer to EPS 2.0 standard level V

System Power Management

Item	Specification
Mech. Off (G3)	Only EC working.
Soft Off (G2/S5)	Only EC working.
Working (G0/S0)	Individual devices such as the CPU and eMMC may be power managed in this state.
Suspend to RAM (S3)	• CPU suspend • Audio Power Down • eMMC Power Down • LCD power off • MIC power off
Save to Disk (S4)	N/A

Card Reader

Item	Specification
Chipset	Embedded in T20 SOC
Package	FCBGA -664 23X23
Maximum supported size	SD: 32G
Features	Storage cards with adapter: micro SD™

System LED Indicator

Item	Specification
Lock	
System state	• White color : Flash on booting • White color and amber color off : System off / suspend • Amber color : Battery in charging
HDD access state	N/A
Wireless state	N/A
Power button backlight	Same as system state
Battery state	Same as system state

System DMA Specification

Legacy Mode	Power Management
DMA0	Not applicable
DMA1	Not applicable
DMA2	Not applicable
DMA3	Not applicable
DMA4	Direct memory access controller
DMA5	Available for ExpressCard
DMA6	Not Assigned
DMA7	Not Assigned
*ExpressCard controller can use DMA 1, 2, or 5.	

System Interrupt Specification (N/A)

Hardware IRQ	System Function
IRQ0	
IRQ1	
IRQ2	
IRQ3	
IRQ5*	
IRQ6	
IRQ7*	
IRQ8	
IRQ9*	
IRQ10*	
IRQ11	
IRQ12	
IRQ13	
IRQ14	
IRQ15	
*Default configuration; audio possible configurations are IRQ5, IRQ7, IRQ9, IRQ10, or none.	
⇒ NOTE: ExpressCards may assert IRQ3, IRQ4, IRQ5, IRQ7, IRQ9, IRQ10, IRQ11, or IRQ15. Either the infrared or the serial port may assert IRQ3 or IRQ4.	

System IO Address Map (N/A)

I/O address (hex)	System Function (shipping configuration)
000 - 00F	
010 - 01F	
020 - 021	
022 - 024	
025 - 03F	
02E - 02F	
040 - 05F	
044 - 05F	
060	
061	
062 - 063	
064	
065 - 06F	
070 - 071	
072 - 07F	
080 - 08F	
090 - 091	
092	
093 - 09F	
0A0 - 0A1	
I/O Address (hex)	
0A2 - 0BF	
0C0 - 0DF	
0E0 - 0EF	
0F0 - 0F1	
0F2 - 0FF	
100 - 16F	
170 - 177	
178 - 1EF	
1F0 - 1F7	
1F8 - 200	
201	
202 - 21F	

System I/O Address Specifications (N/A)

I/O address (hex)	System Function (shipping configuration)
220 - 22F	
230 - 26D	
26E - 26	
278 - 27F	
280 - 2AB	
2A0 - 2A7	
2A8 - 2E7	
2E8 - 2EF	
2F0 - 2F7	
2F8 - 2FF	
300 - 31F	
320 - 36F	
370 - 377	
378 - 37F	
380 - 387	
388 - 38B	
38C - 3AF	
3B0 - 3BB	
3BC - 3BF	
3C0 - 3DF	
3E0 - 3E1	
3E2 - 3E3	
3E8 - 3EF	
3F0 - 3F7	
3F8 - 3FF	
CF8 - CFB	
(PCIDIVO-1)	
(PCIDIVO-1)	

CHAPTER 2

System Utilities

Introduction	2-3
--------------------	-----

System Utilities

Introduction

CHAPTER 3

Maintenance Procedures

Introduction	3-3
General Information	3-3
Recommended Equipment	3-3
Maintenance Flowchart	3-4
Getting Started	3-5
SIM/Micro-SD Card Removal	3-6
SIM/Micro-SD Card Installation	3-8
Lower Case Removal	3-9
Lower Case Installation	3-12
DC-In Cable Removal	3-17
DC-In Cable Installation	3-19
Battery Removal	3-20
Battery Installation	3-21
3G Module Removal	3-22
3G Module Installation	3-24
Docking Board Removal	3-25
Docking Board Installation	3-28
GPS Antenna Removal	3-29
GPS Antenna Installation	3-30
Mainboard Removal	3-31
Mainboard Installation	3-33
Rear CCD Removal	3-36
Rear CCD Installation	3-38
Front CCD Removal	3-39
Front CCD Installation	3-39
Two-Piece Microphone Removal	3-40
Two-Piece Microphone Installation	3-41
Speakers Removal	3-42
Speakers Installation	3-42
USB Module Removal	3-43
USB Module Installation	3-44
LCD Support Plate Removal	3-46
LCD Support Plate Installation	3-49
Touch Screen Board Removal	3-50
Touch Screen Board Installation	3-51
3G Antenna Removal	3-53
3G Antenna Installation	3-53
WLAN Antenna Removal	3-55
WLAN Antenna Installation	3-56

Machine Maintenance Procedures

Introduction

This chapter contains general information about the notebook, a list of tools needed to perform the required maintenance and step by step procedures on how to remove and install components from the notebook computer.

General Information

Recommended Equipment

The following tools are required to perform maintenance on the notebook:

- Wrist grounding strap and conductive mat
- Flat screwdriver
- Philips screwdriver

Screw Name	Quantity
M2.0x4.0 Ni	14
M2.0x3.0	7

Maintenance Flowchart

The flowchart in Figure 3-1 provides a graphic representation of the module removal and installation sequences. It provides information on what components need to be removed and installed during servicing.

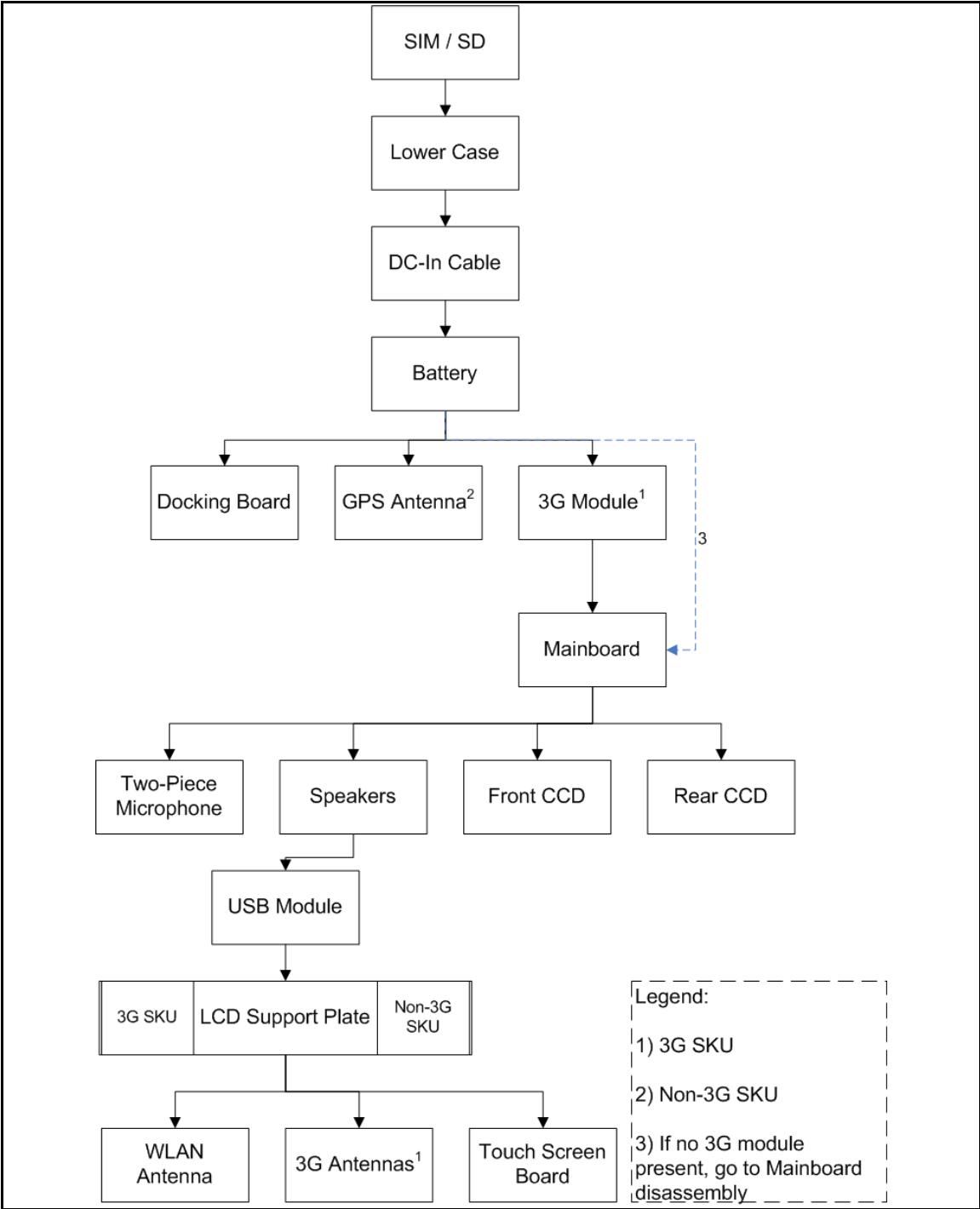


Figure 3-1. Maintenance Flow

Getting Started

The flowchart ([Figure 3-1](#)) identifies sections illustrating the entire removal and install sequence. Observe the order of the sequence to avoid damage to any of the hardware components.

Perform the following prior to performing any maintenance procedures:

1. Place system on a flat work surface.
2. Disconnect AC Adapter and remove all cables from system and peripherals.
3. Make sure system is completely powered down.
4. To make sure system is completely powered down, press and hold power button (A) for 4 seconds. (Figure 3-2)
 - a. If the device is in powered down mode, allow device to complete boot process (approx. 10 sec). Then power down normally.
 - b. If device is in sleep mode, wait for Home Screen to clear. Then power down normally.

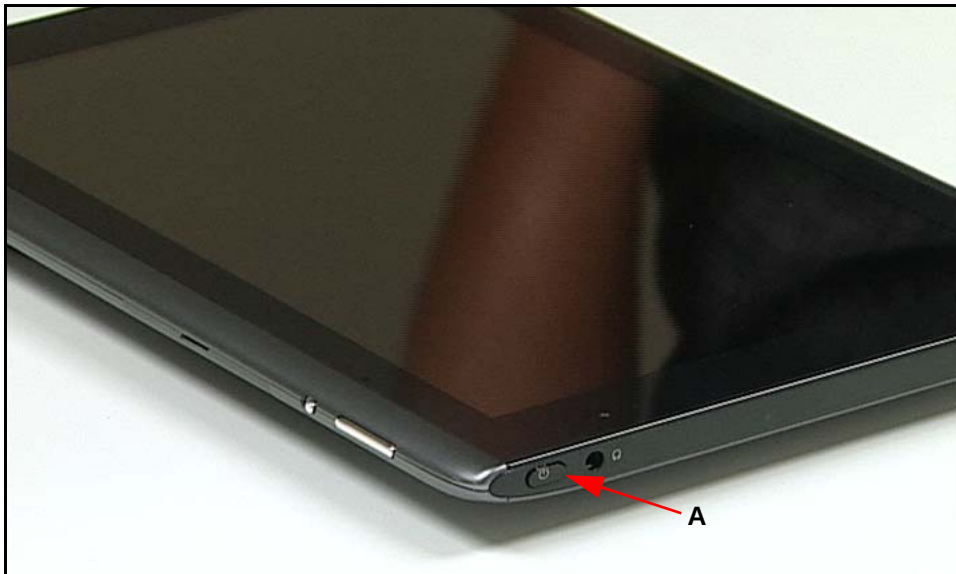


Figure 3-2. Device Overview with Power Button

5. Press and hold Power button for 4 seconds to show Tablet Options dialog.
6. Select Power Off to power down device.
7. From Power Off dialog, select OK.

SIM/Micro-SD Card Removal

1. Open SIM/Micro-SD card cover. (Figure 3-3)



Figure 3-3. Opening SIM/Micro-SD Card Cover

2. Remove SIM card from spring locking mechanism. (Figure 3-4)



Figure 3-4. Removing SIM Card

3. Remove Micro-SD card from spring locking mechanism. (Figure 3-5)



Figure 3-5. Removing Micro-SD Card

4. Secure SIM/Micro-SD card cover. (Figure 3-6)



Figure 3-6. Securing SIM/Micro-SD Card Cover

SIM/Micro-SD Card Installation

1. Open SIM/Micro-SD card cover. ([Figure 3-3](#))
2. Install and secure SIM card. ([Figure 3-4](#))
3. Install and secure Micro-SD card. ([Figure 3-5](#))
4. Close and secure SIM/Micro-SD card cover. ([Figure 3-6](#))

Lower Case Removal

Prerequisite:

[SIM/Micro-SD Card Removal](#)

1. Open SIM/Micro-SD card cover (A). (Figure 3-7)



Figure 3-7. Opening SIM/Micro-SD Card Cover

2. Insert plastic pry into slot below Micro-SD card cover as shown in Figure 3-8 to unlock latch. (Figure 3-8)



Figure 3-8. Unlocking Locking Latches (1 of 5)

3. Starting from edge as shown in Figure 3-9, unlock locking latches on rear cover from bezel.



Figure 3-9. Unlocking Locking Latches (2 of 5)



Figure 3-10. Unlocking Locking Latches (3 of 5)

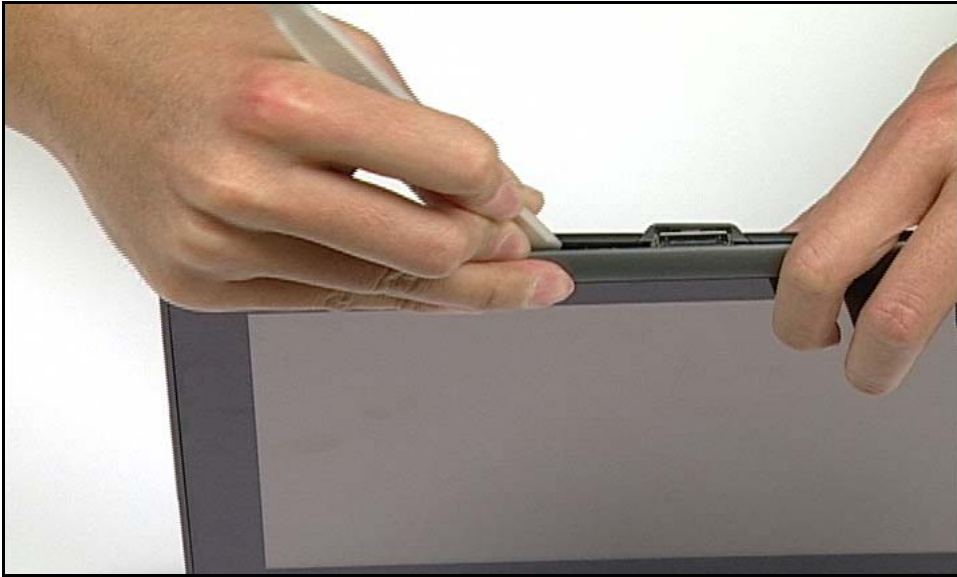


Figure 3-11. Unlocking Locking Latches (4 of 5)



Figure 3-12. Unlocking Locking Latches (5 of 5)

4. Remove lower case from bezel. (Figure 3-13)



Figure 3-13. Removing Lower Case

Lower Case Installation

1. Open SIM/Micro-SD card cover. (Figure 3-14)



Figure 3-14. Opening SIM/Micro-SD Card Cover

2. Align Micro-SD port with slot on bezel. (Figure 3-15)



Figure 3-15. Aligning Lower Case with Bezel

3. Install lower case on bezel. (Figure 3-16)



Figure 3-16. Installing Lower Case on Bezel

4. Starting at volume button, secure locking latches to rear cover on all sides of bezel. (Figure 3-17 through Figure 3-20)



Figure 3-17. Securing Locking Latches (1 of 4)



Figure 3-18. Securing Locking Latches (2 of 4)



Figure 3-19. Securing Locking Latches (3 of 4)



Figure 3-20. Securing Locking Latches (4 of 4)

5. Secure SIM/Micro-SD card cover. (Figure 3-21)



Figure 3-21. Securing SIM/Micro-SD Card Cover

6. Install SIM/Micro-SD card.

DC-In Cable Removal

Prerequisite:

Lower Case Removal

1. Remove tape (A) covering DC-In and antenna cables. (Figure 3-22)

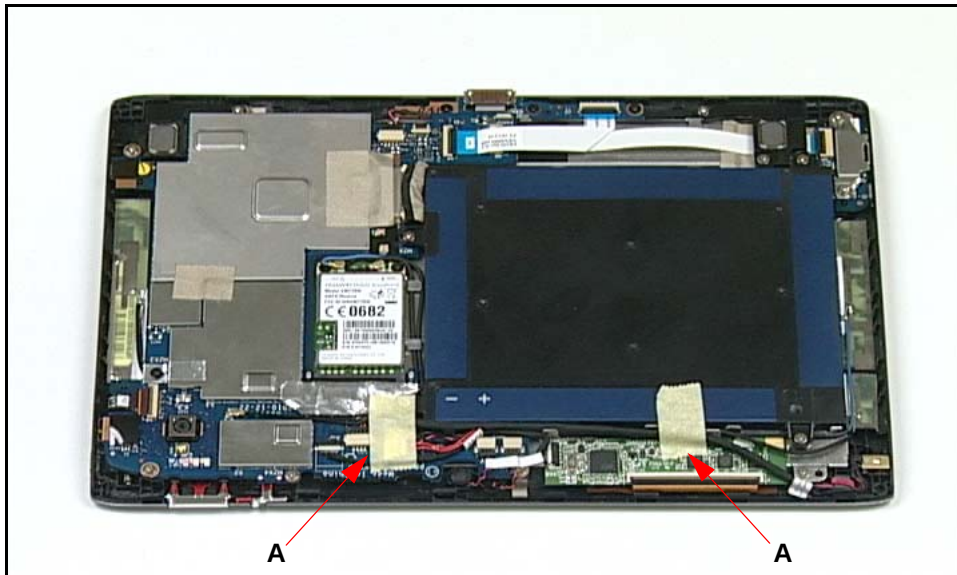


Figure 3-22. Removing Protective Tape

2. Disconnect DC-In cable (B) from mainboard connector (b). (Figure 3-23)

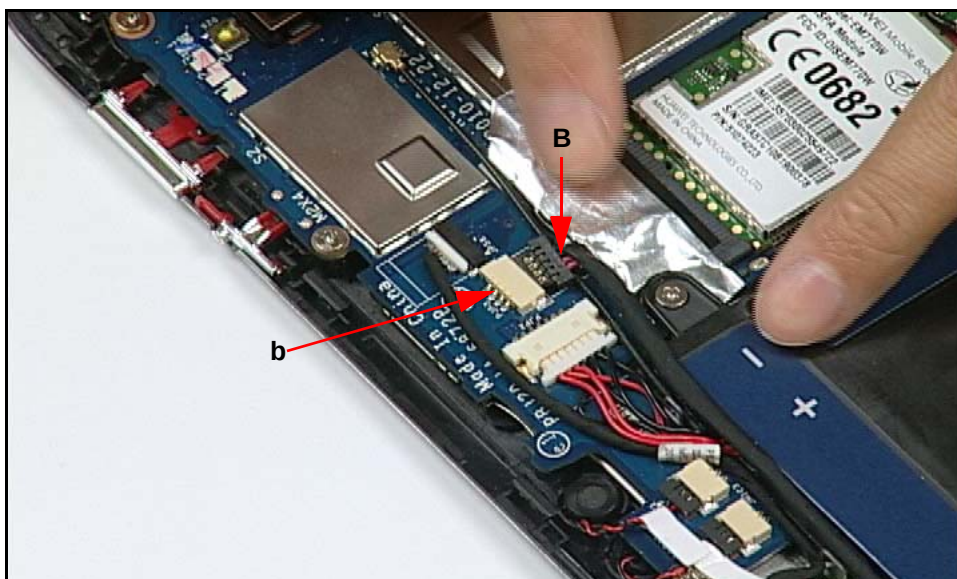


Figure 3-23. Disconnecting DC-In Cable

3. Remove DC-In cable from the LCD support plate (C) and bezel (D) guides. (Figure 3-24)

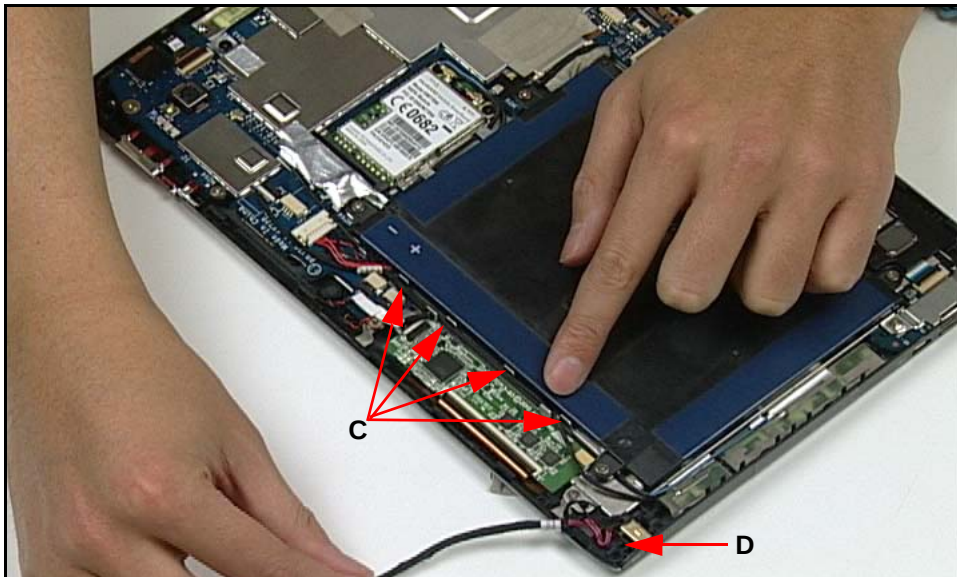


Figure 3-24. Removing DC-In Cable

4. Remove DC-In jack from bezel. (Figure 3-25)

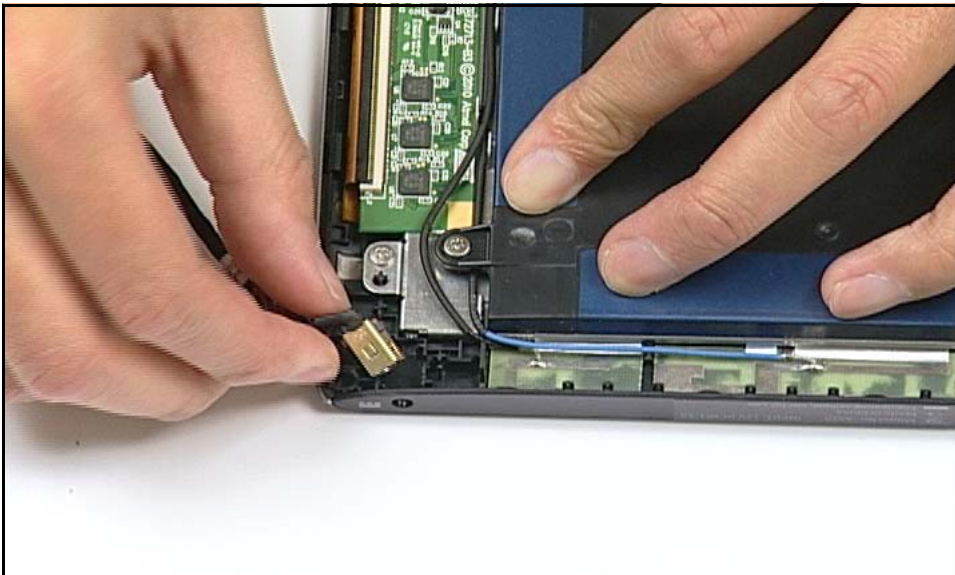


Figure 3-25. Removing DC-In Jack

DC-In Cable Installation

1. Install and secure DC-In jack on bezel. ([Figure 3-25](#))
2. Connect DC-In cable (B) to mainboard connector (b). ([Figure 3-23](#))
3. Install and secure DC-In cable to bezel (D) and LCD support plate (C) guides. ([Figure 3-24](#))
4. Install and secure tape (A) covering DC-In and antenna cables. ([Figure 3-22](#))
5. Install lower case.

Battery Removal

Prerequisite:

DC-In Cable Removal

1. Remove four (4) screws (A) from LCD support plate. (Figure 3-26)

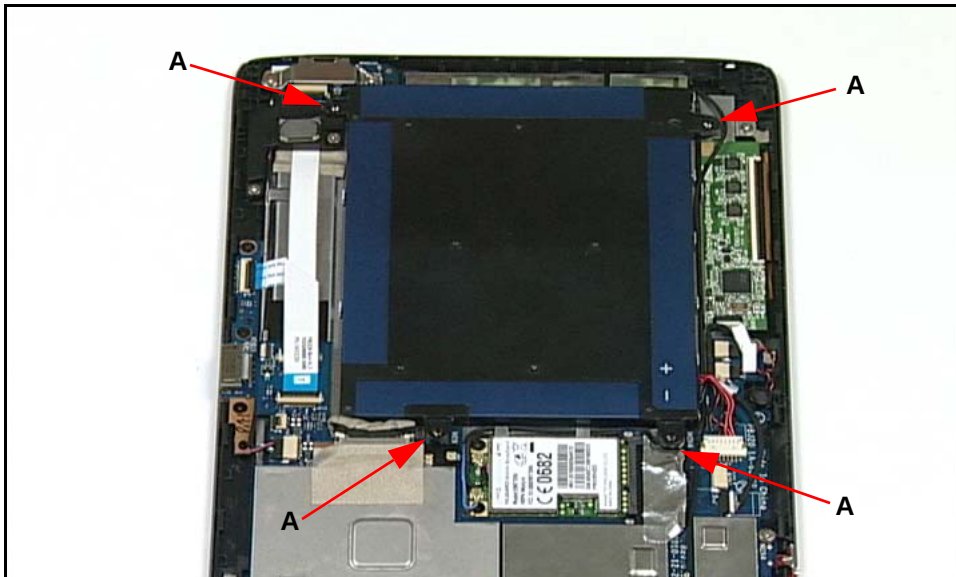


Figure 3-26. Removing Battery Screws

2. Disconnect battery cable (B) from mainboard connector (b). (Figure 3-27)



Figure 3-27. Disconnecting Battery Cable

3. Remove battery (C). (Figure 3-28)

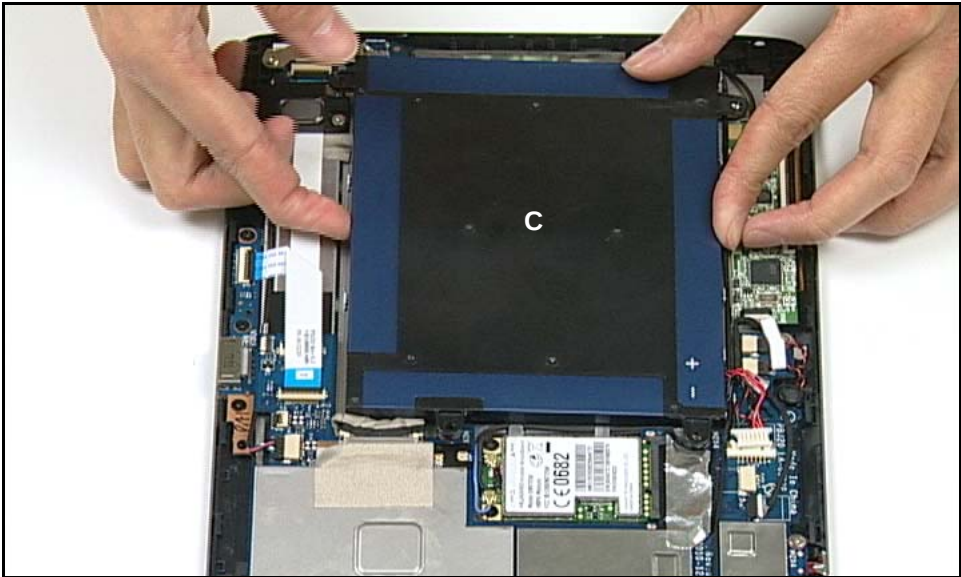


Figure 3-28. Removing Battery

Battery Installation

1. Install battery (C) on LCD support plate. (Figure 3-28)
2. Connect battery cable (B) to mainboard connector (b). ([Figure 3-27](#))
3. Install and secure four (4) screws (A) to LCD support plate. ([Figure 3-26](#))
4. Install DC-In cable.

ID	Size	Quantity	Screw Type
A	M2.0x4.0 Ni	4	

3G Module Removal

Prerequisite:

Battery Removal

1. Locate 3G module (A) on LCD support plate. (Figure 3-29)



Figure 3-29. 3G Module on LCD Support Plate

2. Disconnect auxiliary (blue) and main (black) cables from 3G module connectors. (Figure 3-30)



Figure 3-30. Disconnecting 3G Cables

3. Remove two (2) screws (B) from LCD support plate. (Figure 3-31)



Figure 3-31. Removing 3G Module Screws

4. Remove 3G module (C) from mainboard connector (c). (Figure 3-32)

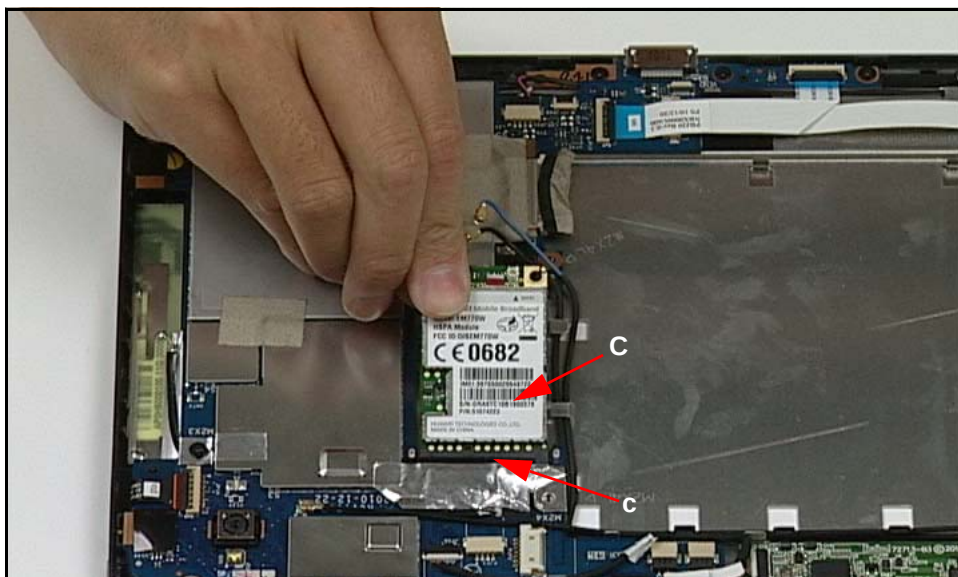


Figure 3-32. Removing 3G Module

3G Module Installation

1. Install and connect 3G module (C) to mainboard connector (c). ([Figure 3-32](#))
2. Install and secure two (2) screws (B) to LCD support plate. ([Figure 3-31](#))
3. Connect main 3G antenna cable (black) to 3G module connector labeled M. ([Figure 3-30](#))
4. Connect auxiliary 3G antenna cable (blue) to 3G module connector labeled A.
5. Install battery.

ID	Size	Quantity	Screw Type
A	M2.0x3.0	2	

Docking Board Removal

Prerequisite:

Battery Removal

1. Locate Docking Board (A). (Figure 3-33)

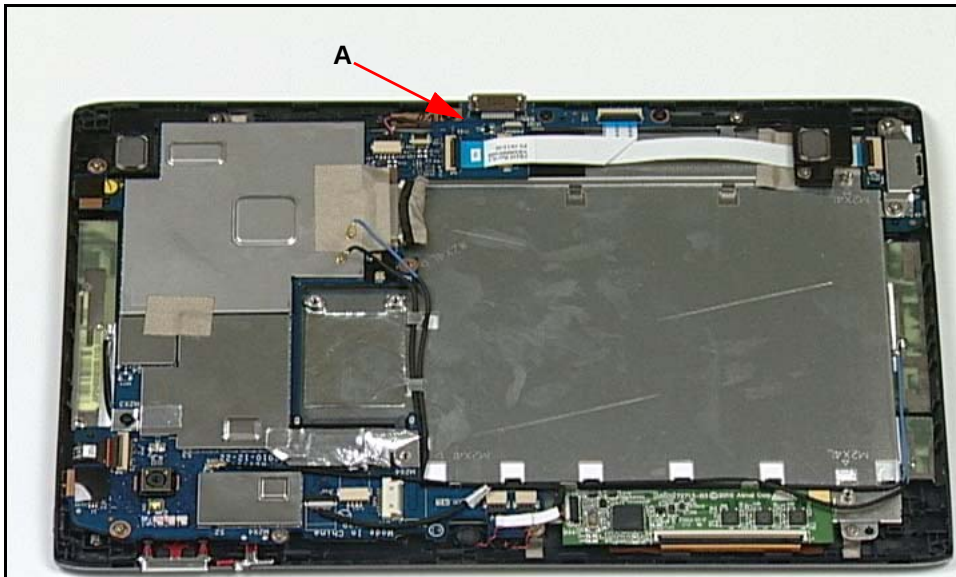


Figure 3-33. Docking Board Overview

2. Disconnect docking board FFC (B) from docking board connector (b). (Figure 3-34)

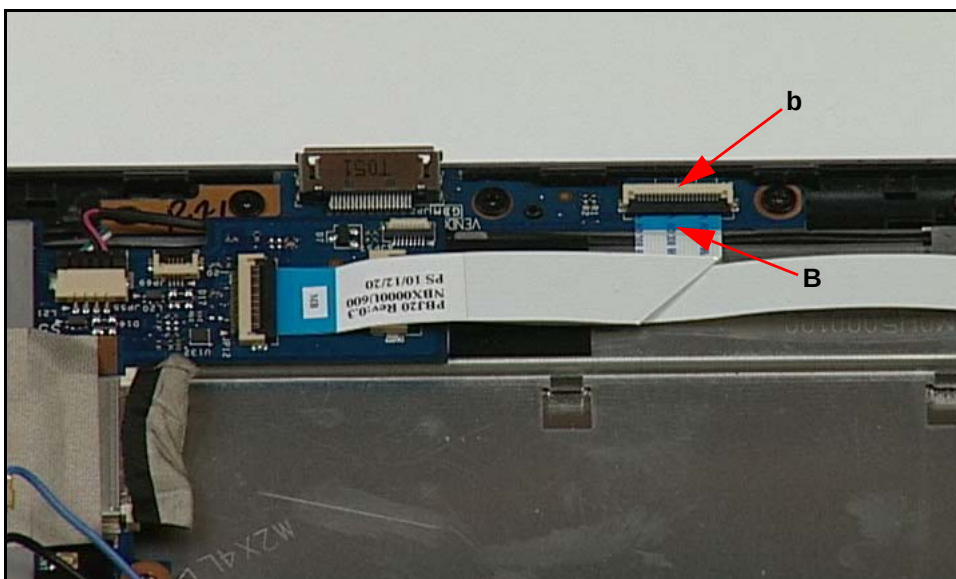


Figure 3-34. Disconnecting Docking Board FFC from Docking Board

3. Disconnect docking board FFC (C), labeled MB, from mainboard connector (c). (Figure 3-35)

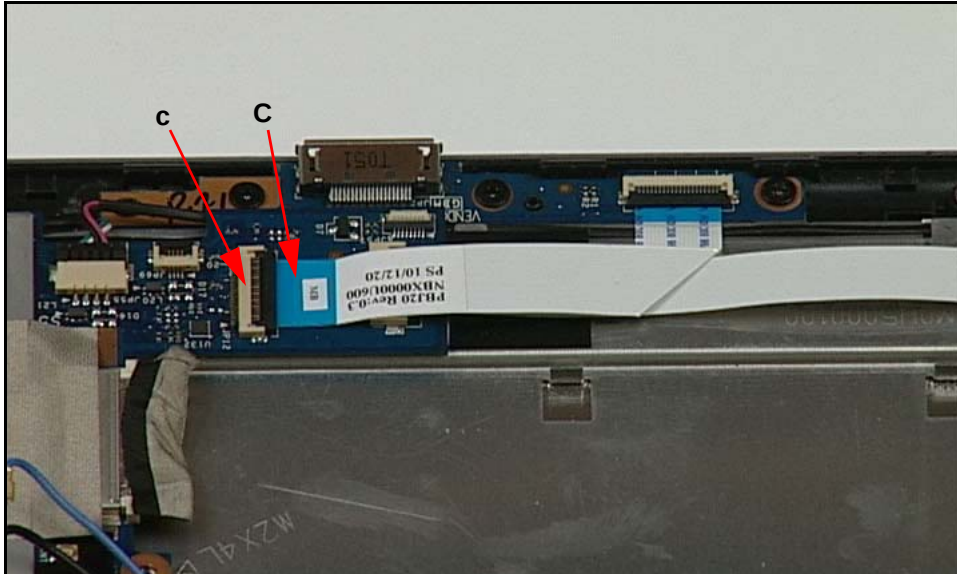


Figure 3-35. Disconnecting Docking Board FFC from Mainboard

4. Remove three (3) screws (C) from bezel. (Figure 3-36)

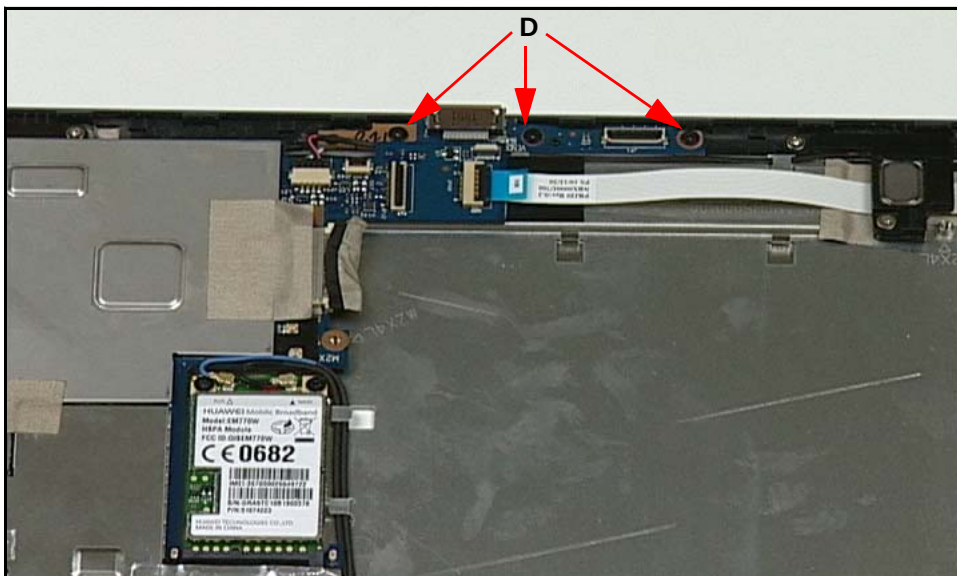


Figure 3-36. Removing Docking Board Screws

5. Remove docking board from bezel. (Figure 3-37)

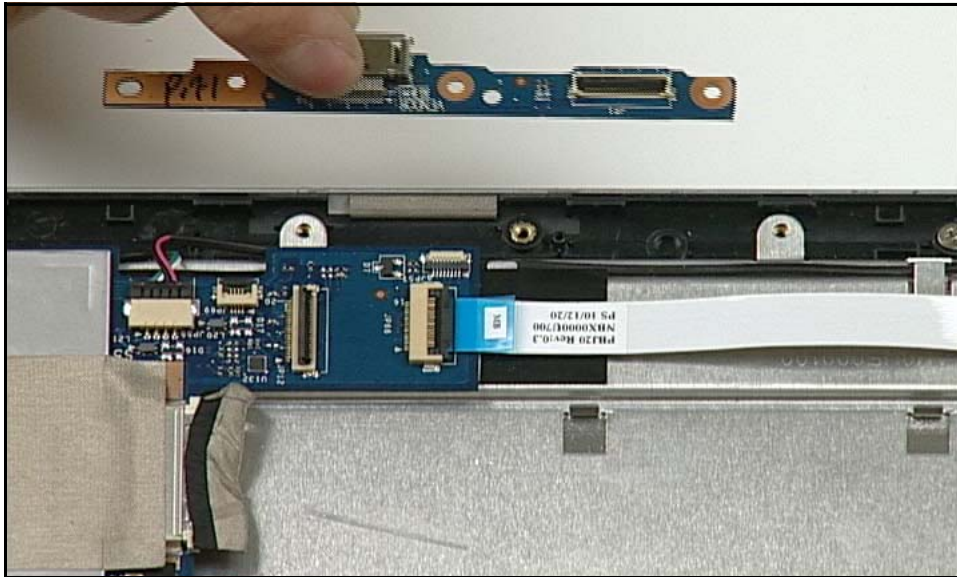


Figure 3-37. Removing Docking Board

Docking Board Installation

1. Align docking board with bezel guides (E). (Figure 3-38)

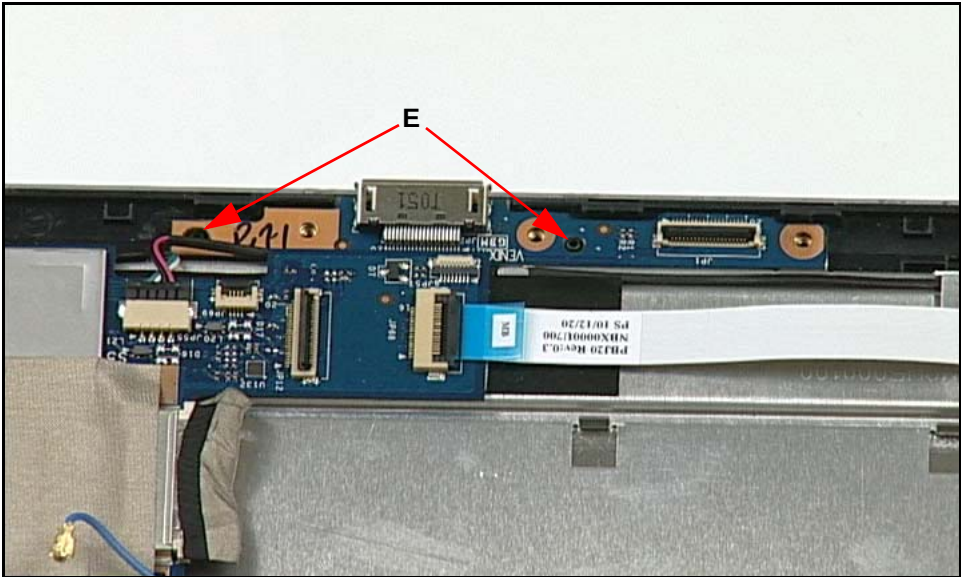


Figure 3-38. Aligning Docking Board Bezel Guides

2. Install board on bezel. (Figure 3-37)
3. Install and secure three (3) screws (D) to bezel. (Figure 3-36)
4. Install and connect docking board FFC (C), labeled MB, to mainboard connector (c). (Figure 3-35)
5. Install and connect docking board FFC (B) to docking board connector (b). (Figure 3-34)
6. Install battery.

ID	Size	Quantity	Screw Type
B	M2.0x3.0	3	

GPS Antenna Removal

Prerequisite:

[Battery Removal](#)

1. Disconnect GPS antenna (A) from mainboard connector. (Figure 3-39)

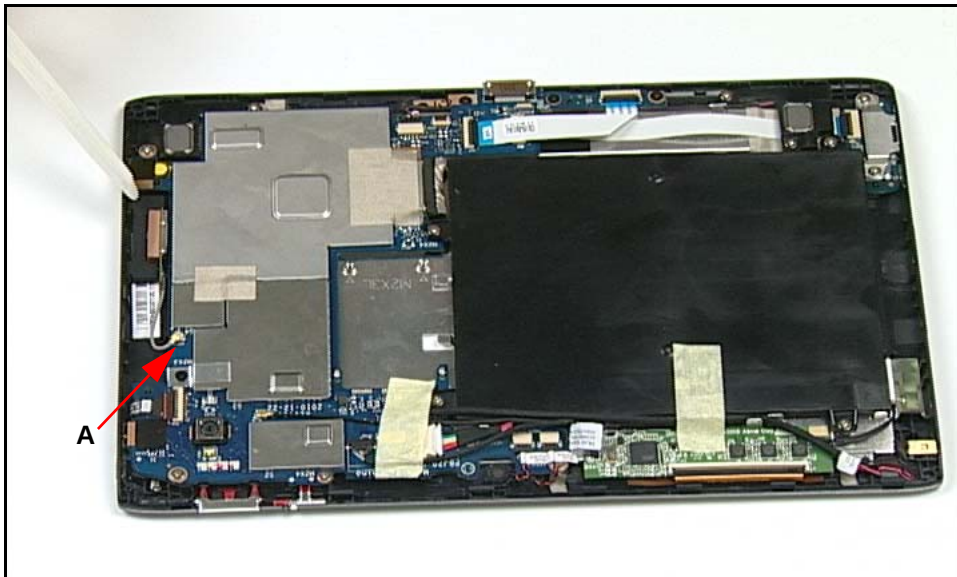


Figure 3-39. Disconnecting GPS Antenna

2. Remove GPS module. (Figure 3-40)

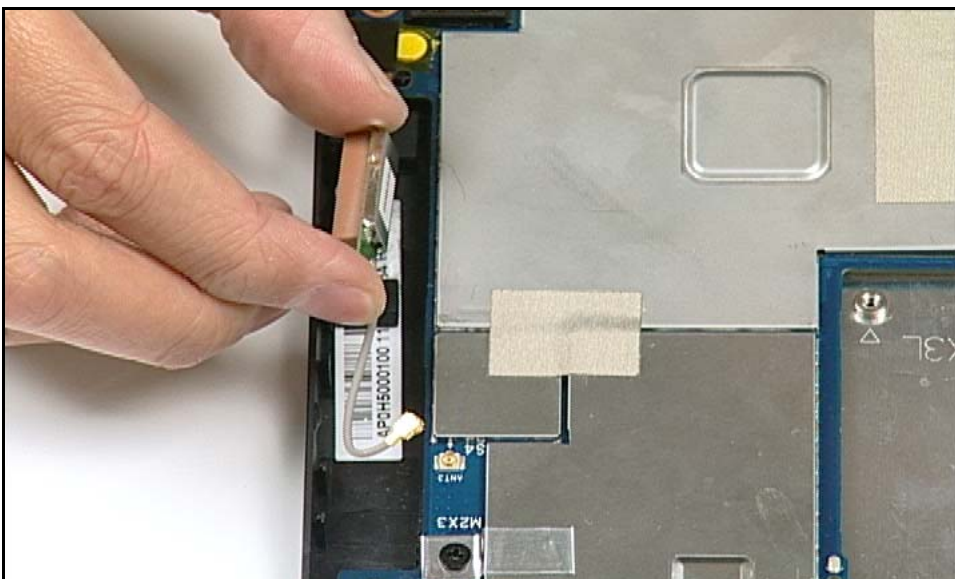


Figure 3-40. Removing GPS Module

GPS Antenna Installation

1. Install GPS module on bezel. ([Figure 3-40](#))
2. Connect GPS antenna (A) to mainboard connector. ([Figure 3-39](#))
3. Install battery.

Mainboard Removal

Prerequisite:

3G Module Removal

1. Disconnect the following cables: (Figure 3-41)
 - Front and rear microphone cables (A) from mainboard connectors (a)
 - Touch screen cable (B) from mainboard connector (b)
 - Main (black) WLAN cable (C) from mainboard connector (c)
 - Front camera FFC (D) from mainboard connector (d)
 - LVDS cable (E) from mainboard connector (e)
 - Speaker cable (F) from mainboard connector (f)
 - USB FFC (G) from mainboard connector (g)

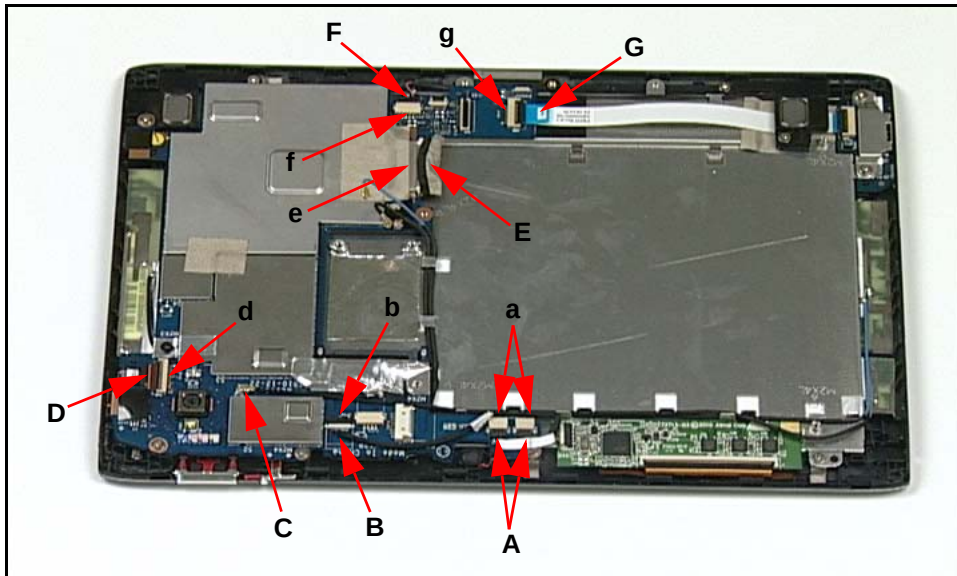


Figure 3-41. Disconnecting Cables from Mainboard

2. Remove screw (H) and four (4) screws (J) from bezel. (Figure 3-42)

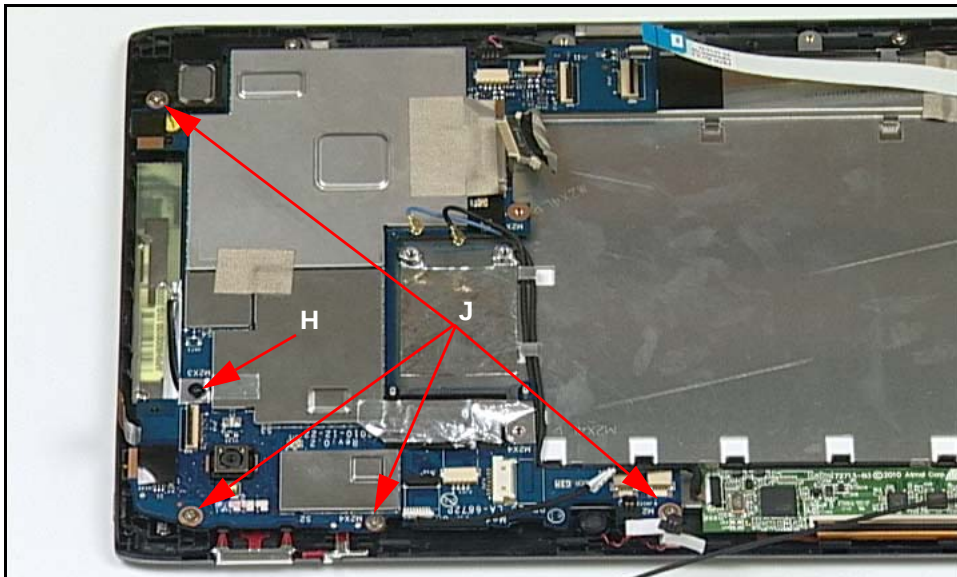


Figure 3-42. Removing Mainboard Screws

3. Lift and remove mainboard from bezel. (Figure 3-43)

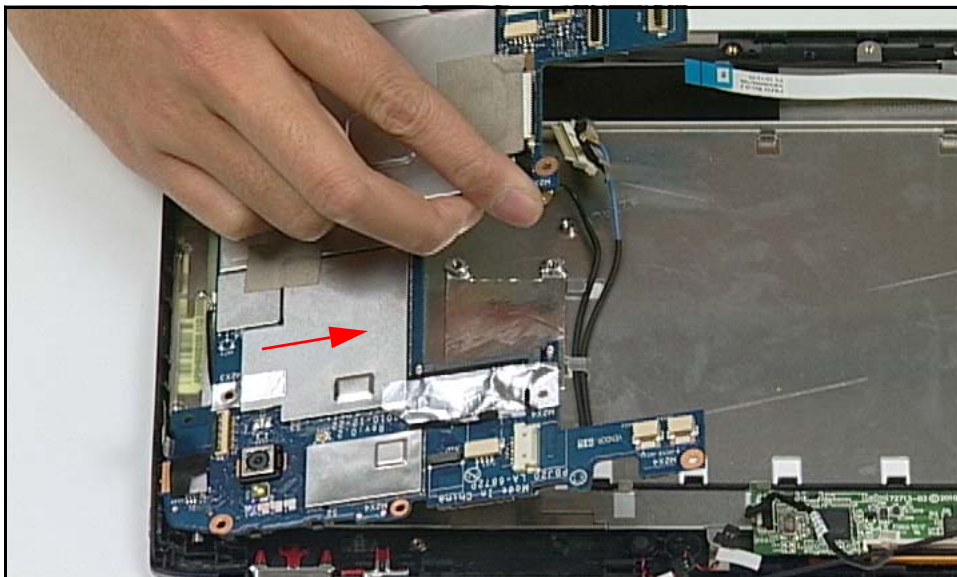


Figure 3-43. Removing Mainboard

Mainboard Installation

⚠ CAUTION:

The touch screen lock button guides may be damaged when the mainboard screws are secured. Make sure to align the touch screen lock button switch with the lock button guides.

1. Set touch screen lock button (K) to unlock position. (Figure 3-44)

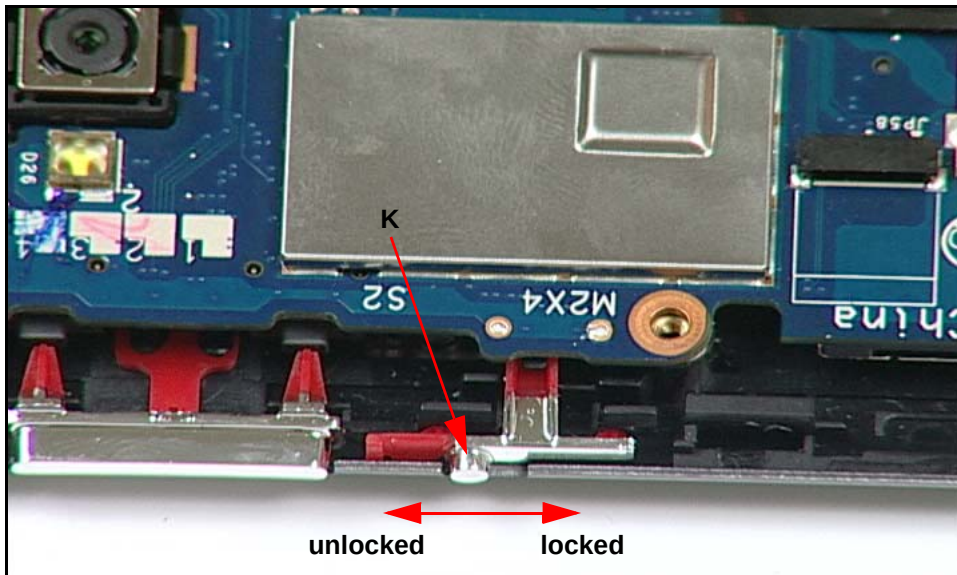


Figure 3-44. Setting Touch Screen Lock Button

2. Install mainboard on bezel. (Figure 3-45)

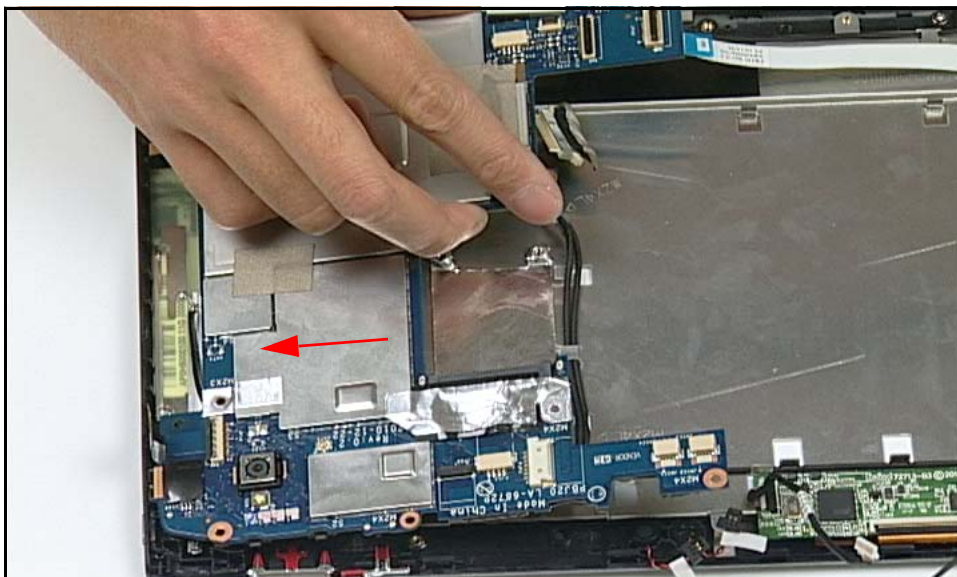


Figure 3-45. Install Mainboard

3. Align with bezel guide pins (L). (Figure 3-46)

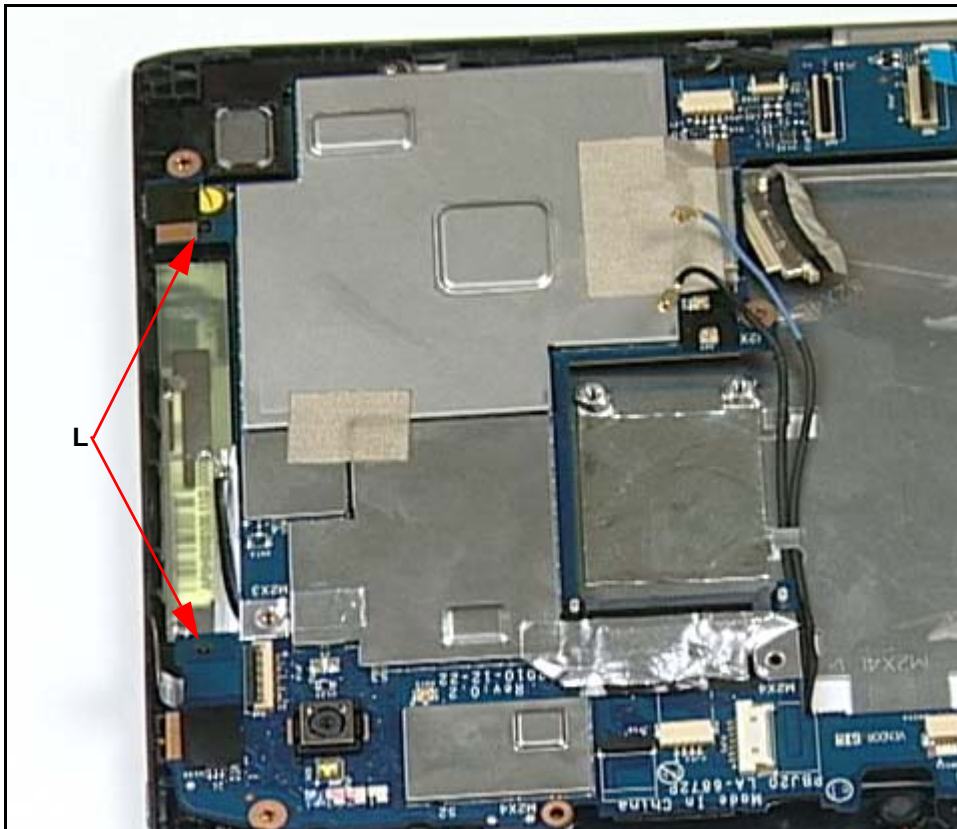


Figure 3-46. Aligning Mainboard with Bezel Guide Pins

4. Align touch screen lock button switch (M) with lock button guides (N). (Figure 3-47)

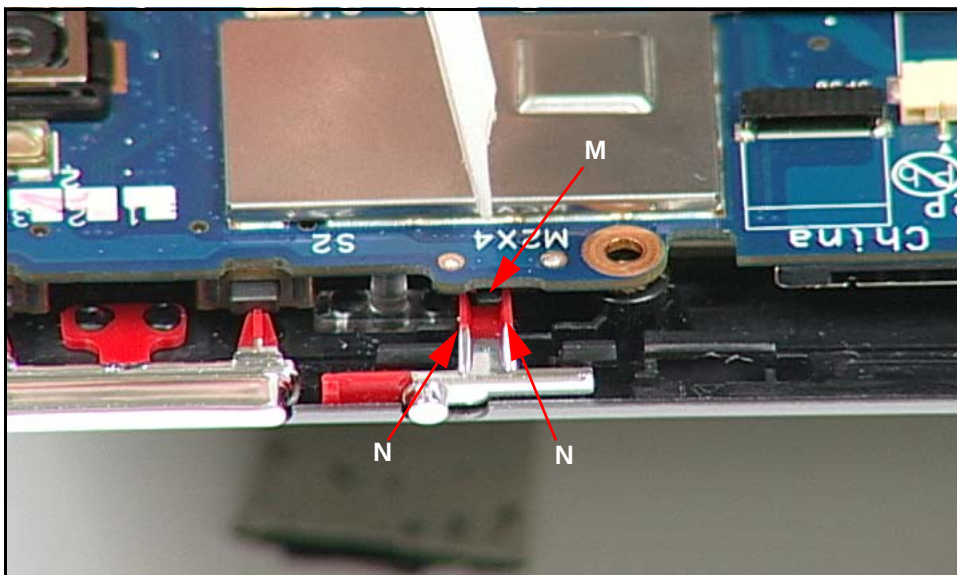


Figure 3-47. Install Mainboard to IO Ports

5. Install and secure one screw (H) and four (4) screws (J) to bezel. ([Figure 3-42](#))
6. Connect the following cables: ([Figure 3-41](#))
 - Front and rear microphone cables (A) to mainboard connectors (a)
 - Touch screen cable (B) to mainboard connector (b)
 - Main (black) WLAN cable (C) to mainboard connector (c)
 - Front camera FFC (D) to mainboard connector (d)
 - LVDS cable (E) to mainboard connector (e)
 - Speaker cable (F) to mainboard connector (f)
 - USB FFC (G) to mainboard connector (g)
7. Install 3G module (3G SKU)/Battery (Non-3G SKU)

ID	Size	Quantity	Screw Type
H	M2.0x3.0	1	
J	M2.0x4.0 Ni	4	

Rear CCD Removal

Prerequisite:

[Mainboard Removal](#)

1. Place bottom of mainboard on a flat surface.(Figure 3-48)

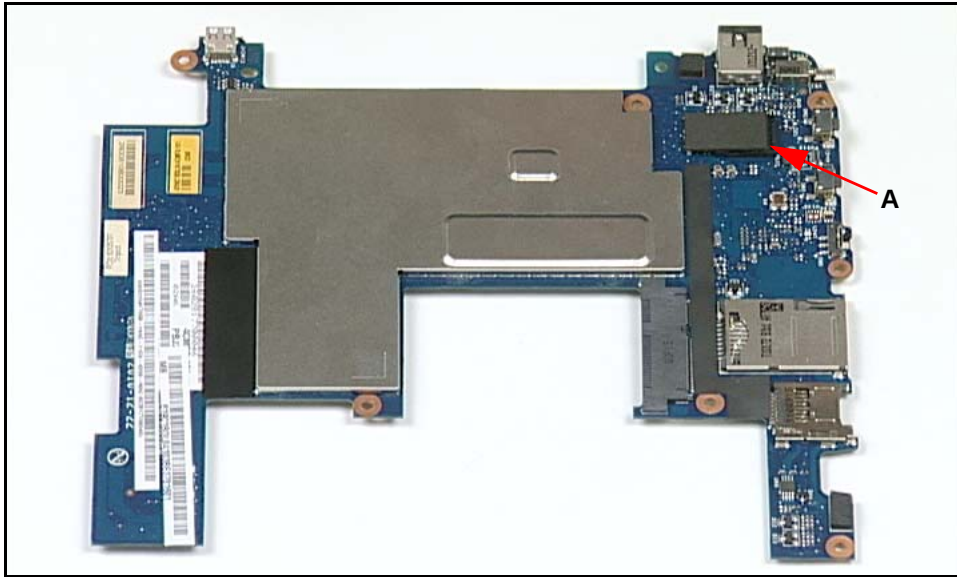


Figure 3-48. Mainboard Overview

2. Remove rear camera (A) from mainboard.
3. Remove rear camera holder from mainboard by pressing holder through the board. (Figure 3-49 through Figure 3-51)

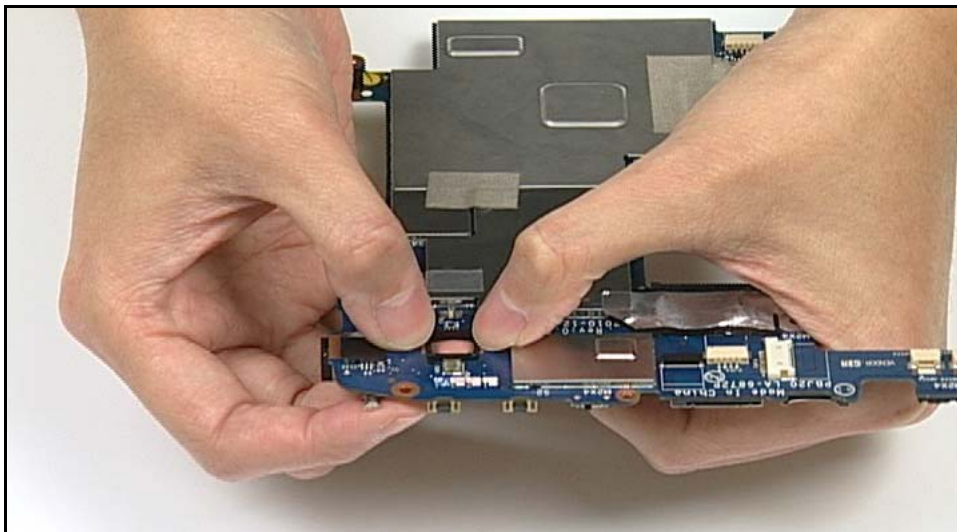


Figure 3-49. Removing Rear CCD Holder (1 of 3)

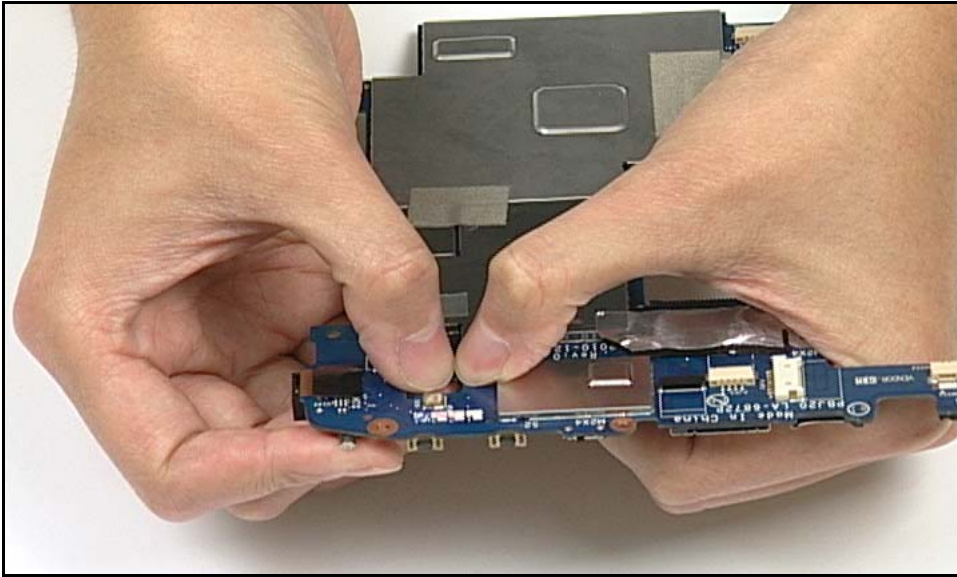


Figure 3-50. Removing Rear CCD Holder (2 of 3)

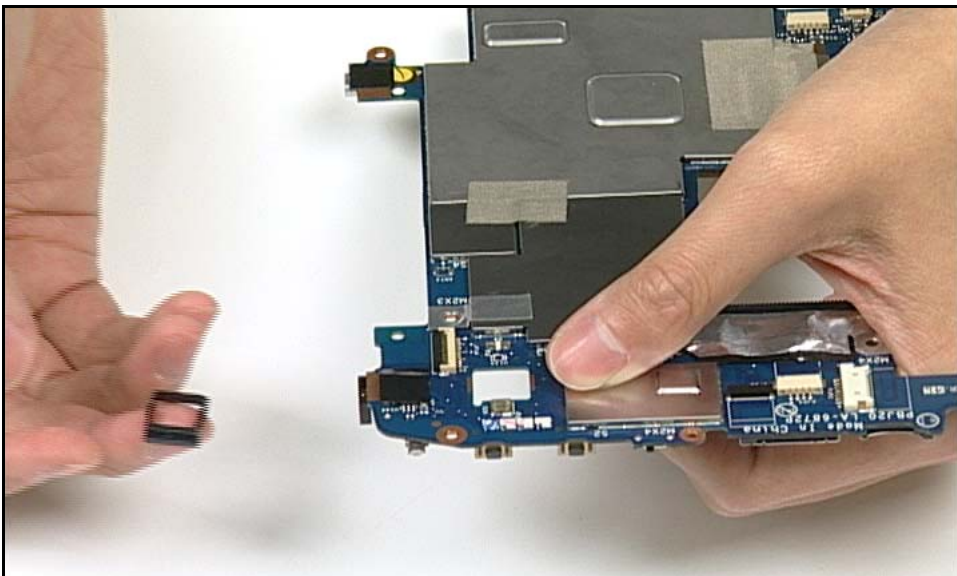


Figure 3-51. Removing Rear CCD Holder (3 of 3)

Rear CCD Installation

1. Align rear camera holder guide (B) with mainboard slot (C).(Figure 3-52)

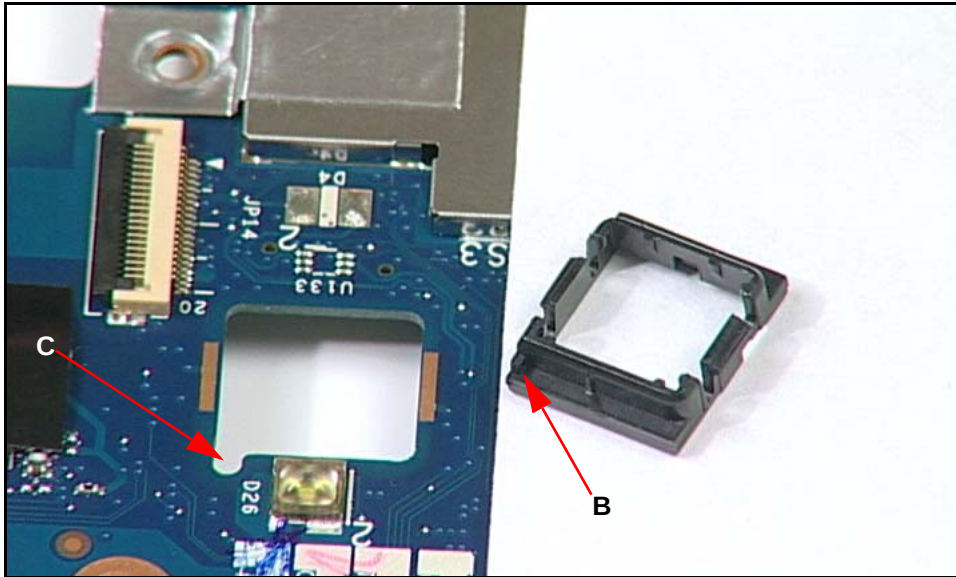


Figure 3-52. Align Rear CCD Holder Guide with Mainboard Slot

2. Install and secure rear camera holder on mainboard by pressing holder into the opening in the mainboard.(Figure 3-50 through Figure 3-49)
3. Install rear camera (A) on mainboard.(Figure 3-48)
4. Install mainboard.

Front CCD Removal

Prerequisite:

[Mainboard Removal](#)

1. Release bezel locking latches (A).(Figure 3-53)

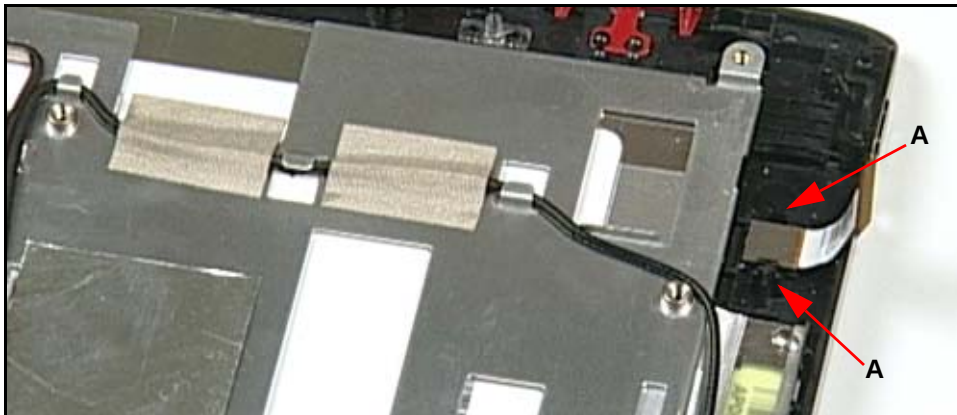


Figure 3-53. Release Bezel Locking Latches

2. Remove front camera from bezel.(Figure 3-54)



Figure 3-54. Removing Front CCD

Front CCD Installation

1. Install and secure front camera in bezel locking latches (A).(Figure 3-53)
2. Install mainboard.

Two-Piece Microphone Removal

Prerequisite:

[Mainboard Removal](#)

1. Remove two-piece microphone (A) from bezel guides.(Figure 3-55)

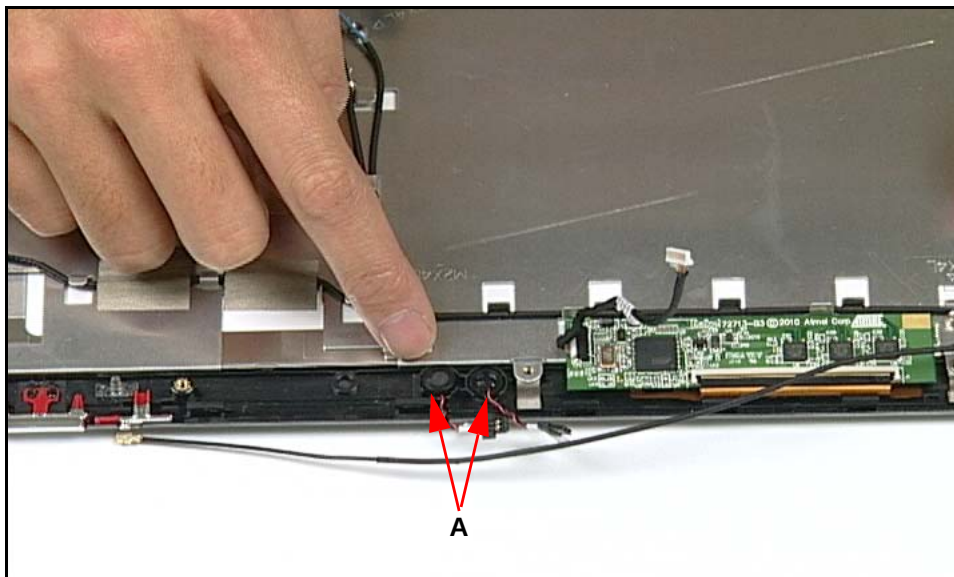


Figure 3-55. Removing Two-piece Microphone

Two-Piece Microphone Installation

1. Install and secure microphone (B) in front microphone guide (closest to touch screen board) facing down.(Figure 3-56)

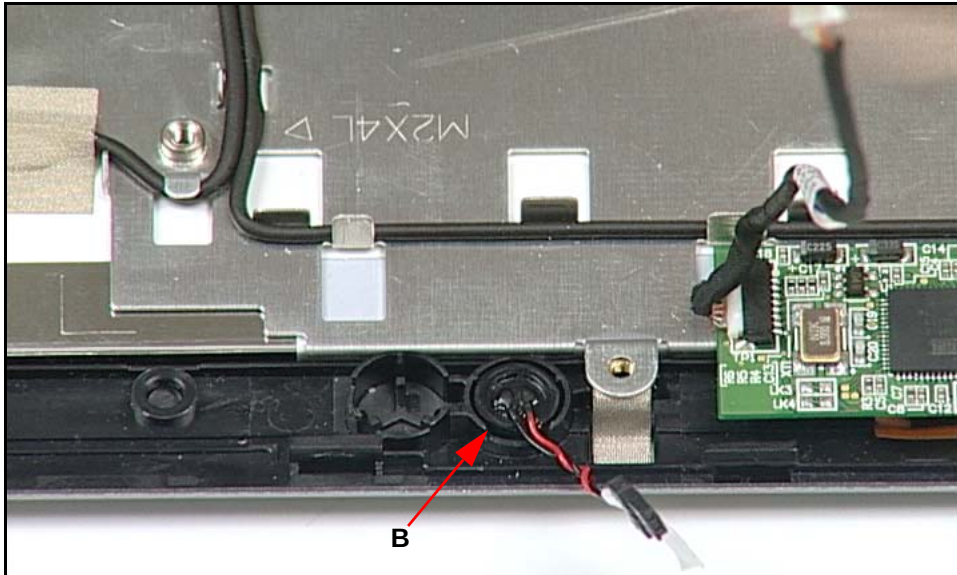


Figure 3-56. Installing Two-piece Microphone to Front Guide

2. Install and secure microphone (C) in rear microphone guide (furthest away from touch screen board) facing up.(Figure 3-57)

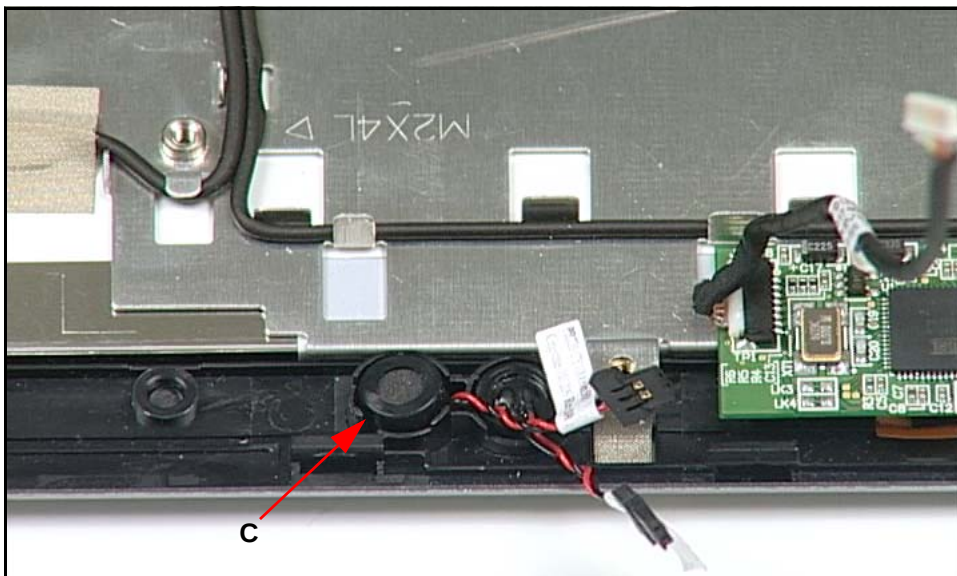


Figure 3-57. Installing Two-piece Microphone to Rear Guide

3. Install mainboard.

Speakers Removal

Prerequisite:

[Mainboard Removal](#)

- 1. Remove three (3) screws (A) from bezel.(Figure 3-58)

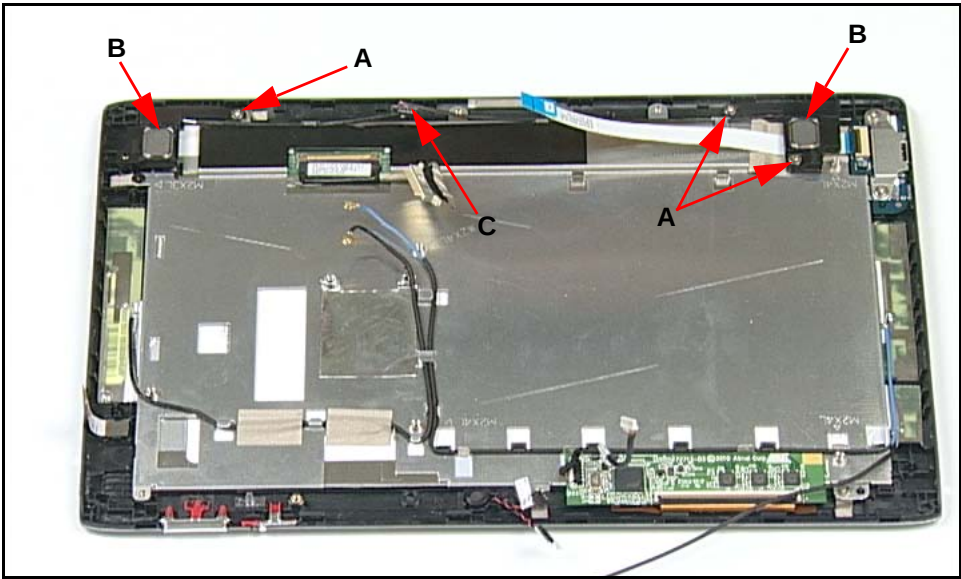


Figure 3-58. LCD Support Plate Overview with Speakers

- 2. Remove speakers (B) and speaker cable (C) from bezel.

Speakers Installation

- 1. Install speakers (B) and speaker cable (C) on bezel. (Figure 3-58)
- 2. Install and secure three (3) screws (A) to bezel.
- 3. Install mainboard.

ID	Size	Quantity	Screw Type
A	M2.0x4.0 Ni	3	

USB Module Removal

Prerequisite:

[Speakers Removal](#)

1. Disconnect module FFC (A) from module connector (a). (Figure 3-59)

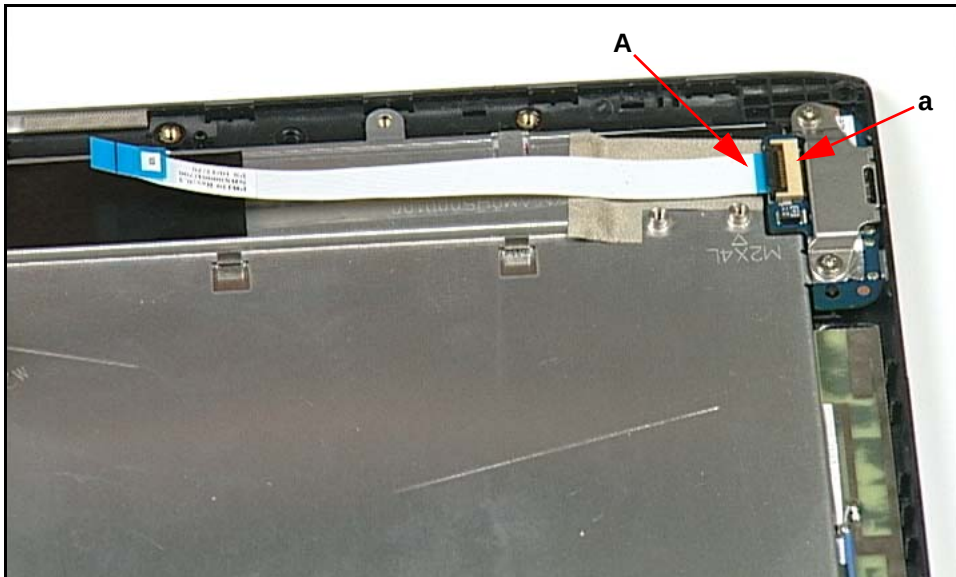


Figure 3-59. Disconnecting USB FFC

2. Remove module FFC.
3. Remove two (2) screws (A) from bezel. (Figure 3-60)

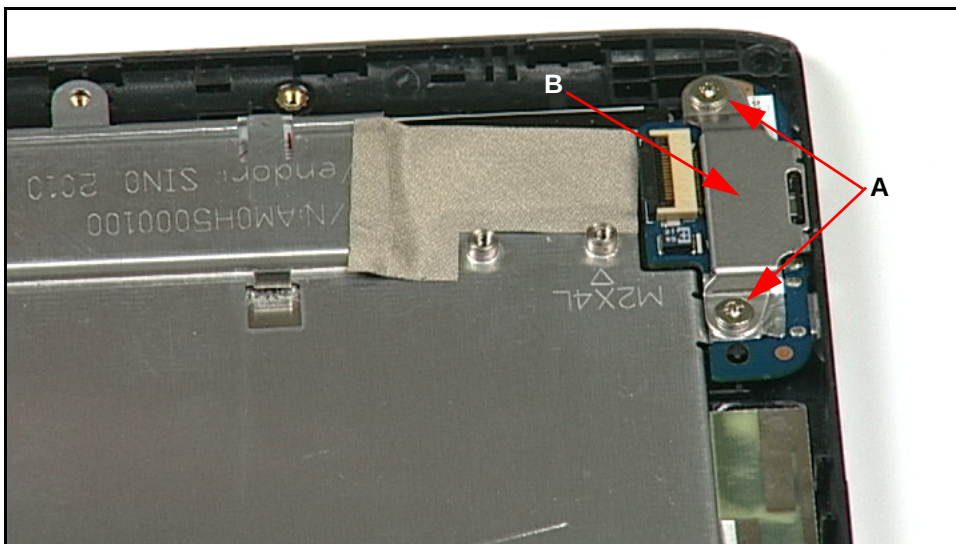


Figure 3-60. Removing USB Module Screws

4. Remove module support bracket (B).
5. Remove module (C). (Figure 3-61)

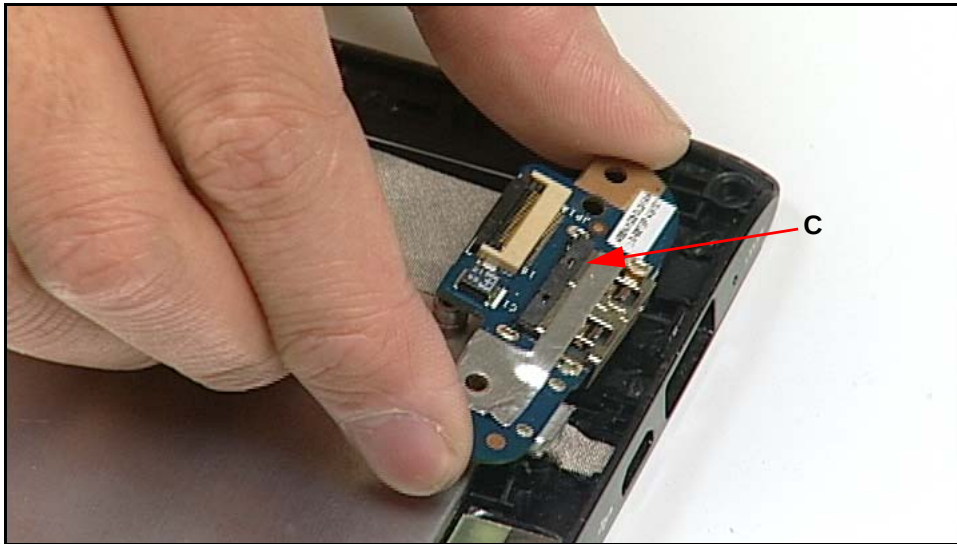


Figure 3-61. Removing USB Module

USB Module Installation

1. Align module with bezel guides (B). (Figure 3-62)

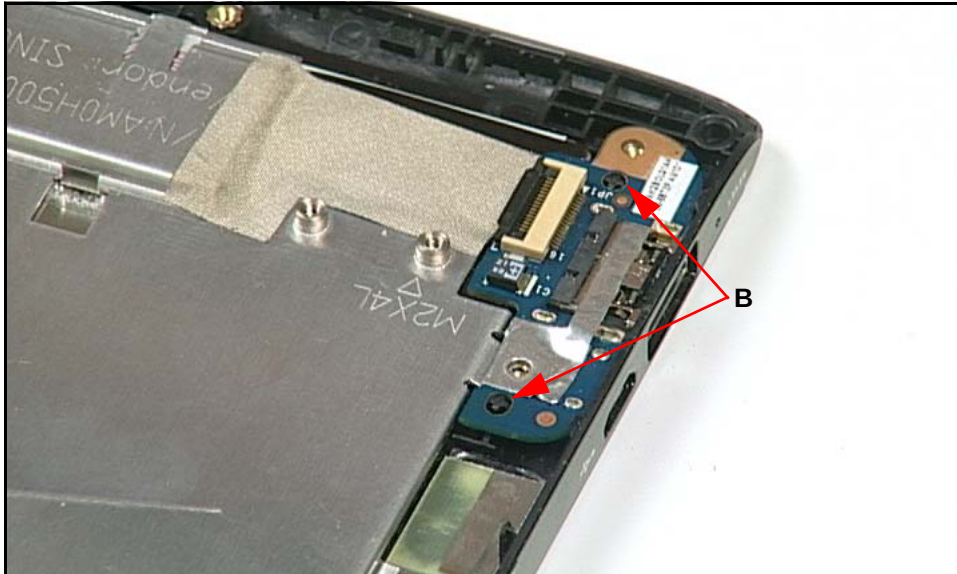


Figure 3-62. Aligning USB Module to Bezel Guides

2. Install module on bezel.
3. Install module support bracket (B) on bezel. ([Figure 3-60](#))
4. Install and secure two (2) screws (A) to bezel.
5. Install and connect module FFC (C) to module connector (c). ([Figure 3-59](#))
6. Install speakers.

ID	Size	Quantity	Screw Type
A	M2.0x4.0 Ni	2	

LCD Support Plate Removal

Prerequisite:

[Speakers Removal](#)

1. Remove Mylar tape (A) from LCD support plate. (Figure 3-63)

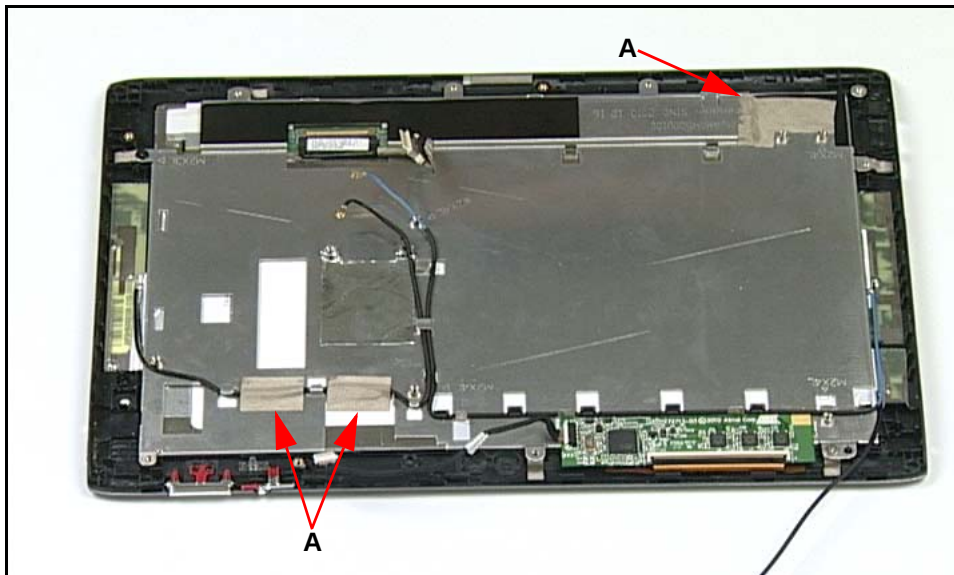


Figure 3-63. Removing Mylar Tape

2. Remove antenna cables from LCD support plate guides (B). (Figure 3-64)

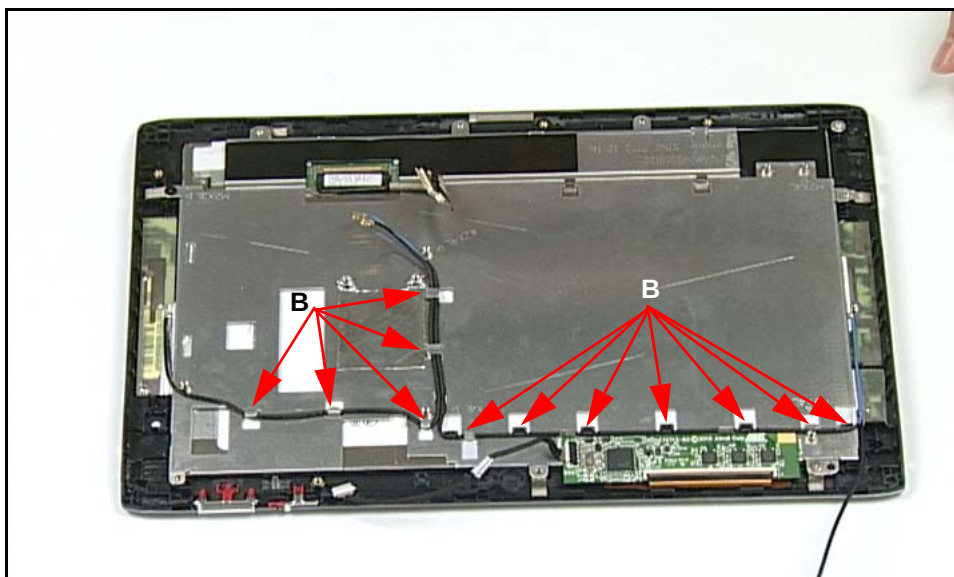


Figure 3-64. Removing Antenna Cables

3. Remove one screw (C) and one screw D) from bezel. (Figure 3-65)

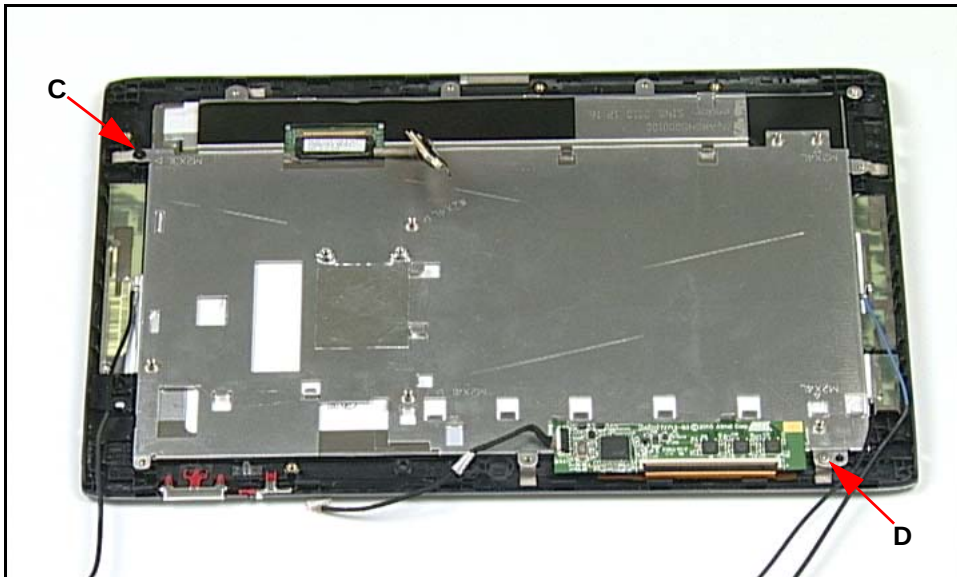


Figure 3-65. Removing LCD Support Plate Screws

4. Remove LCD support plate. (Figure 3-66)

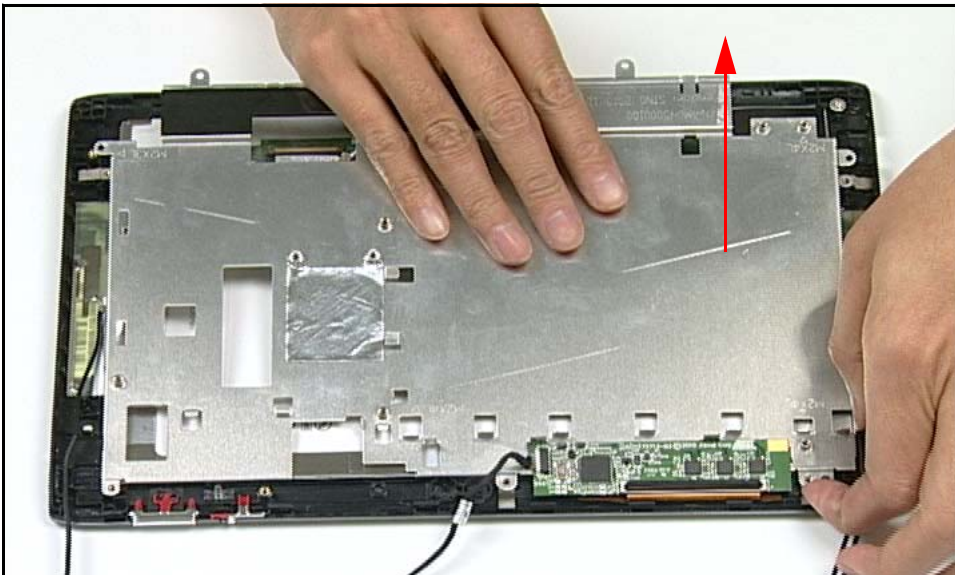


Figure 3-66. Removing LCD Support Plate

5. Disconnect touch screen FFC (E) from board connector (e). (Figure 3-67)

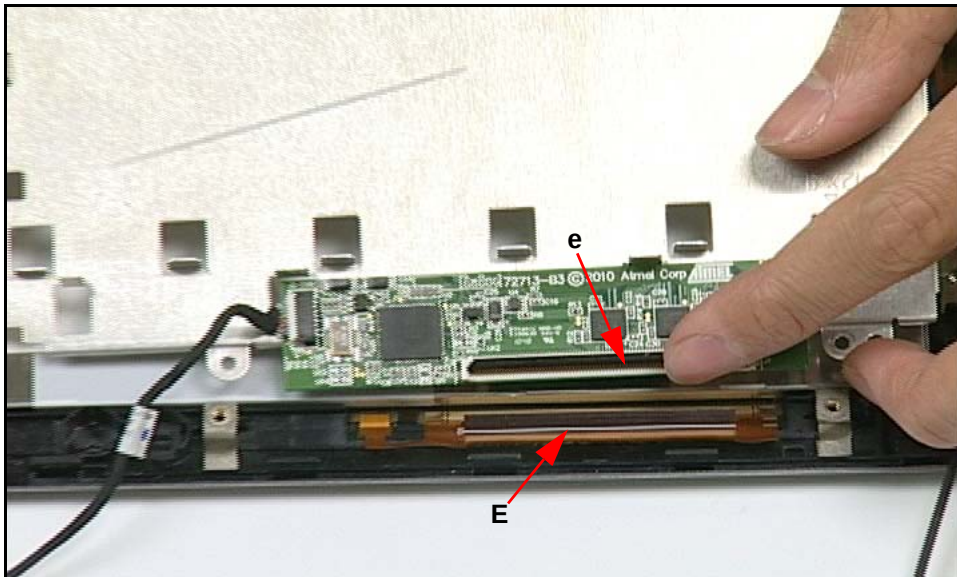


Figure 3-67. Disconnecting Touch Screen FFC

6. Remove adhesive tape (F) covering LVDS cable (G) and LCD panel connector (g). (Figure 3-68)

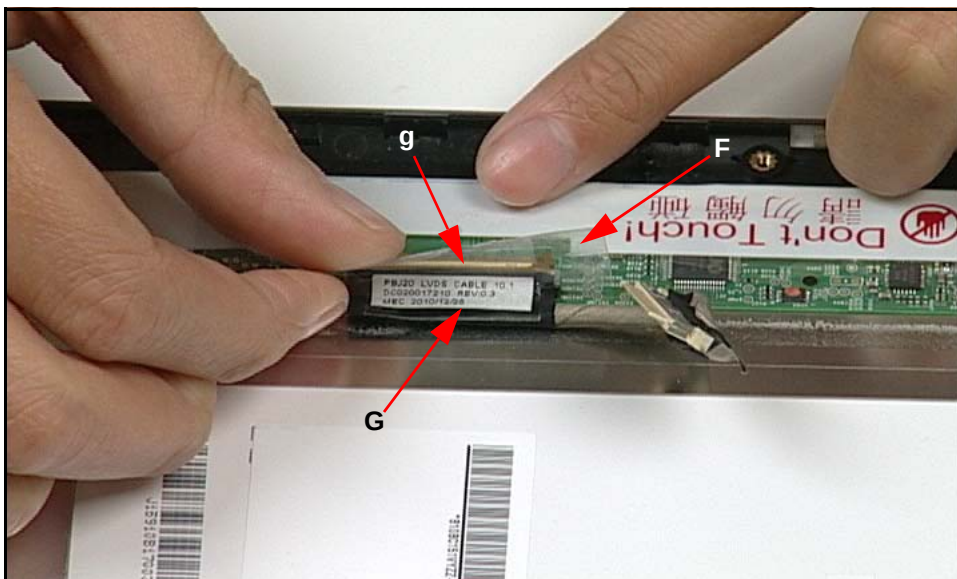


Figure 3-68. Removing LVDS Adhesive Tape

7. Disconnect and remove LVDS cable.

LCD Support Plate Installation

1. Connect LVDS cable (G) to LCD panel connector (g). ([Figure 3-68](#))
2. Install and secure adhesive tape (F) covering LVDS cable and LCD panel connector.
3. Connect and secure touch screen FFC (F) to board connector (f). ([Figure 3-67](#))
4. Install LCD support plate on bezel. ([Figure 3-66](#))
5. Install and secure one screw (C) and one screw (D) to bezel. ([Figure 3-65](#))
6. Install and secure antenna cables to LCD support plate guides (B). ([Figure 3-64](#))
7. Install and secure Mylar tape (A) to LCD support plate. ([Figure 3-63](#))
8. Install speakers.

ID	Size	Quantity	Screw Type
C	M2.0x3.0	1	
D	M2.0x4.0 Ni	1	

Touch Screen Board Removal

Prerequisite:

[LCD Support Plate Removal](#)

1. Remove touch screen board (A) from LCD support plate (B). (Figure 3-69 and Figure 3-70)

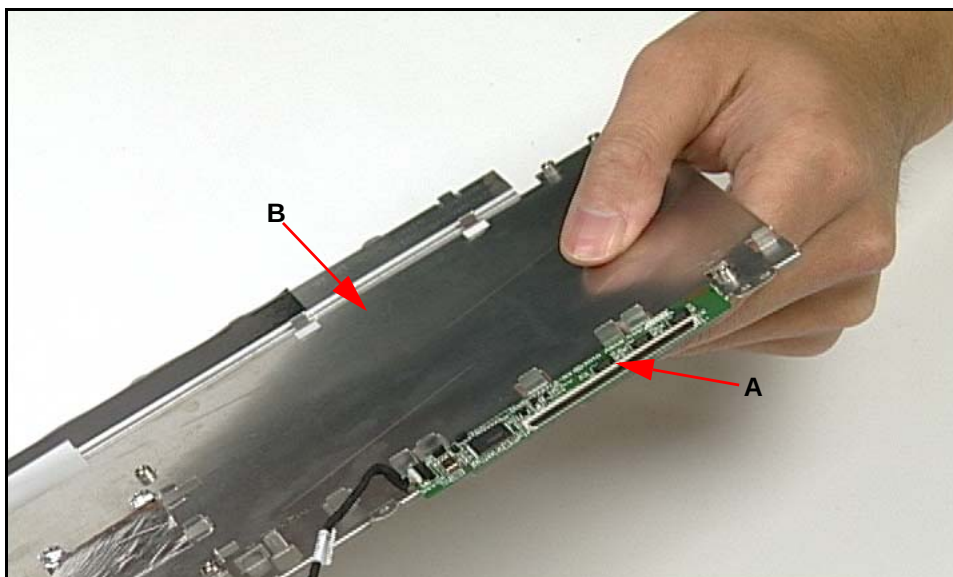


Figure 3-69. Removing Touch Screen Board (1 of 2)

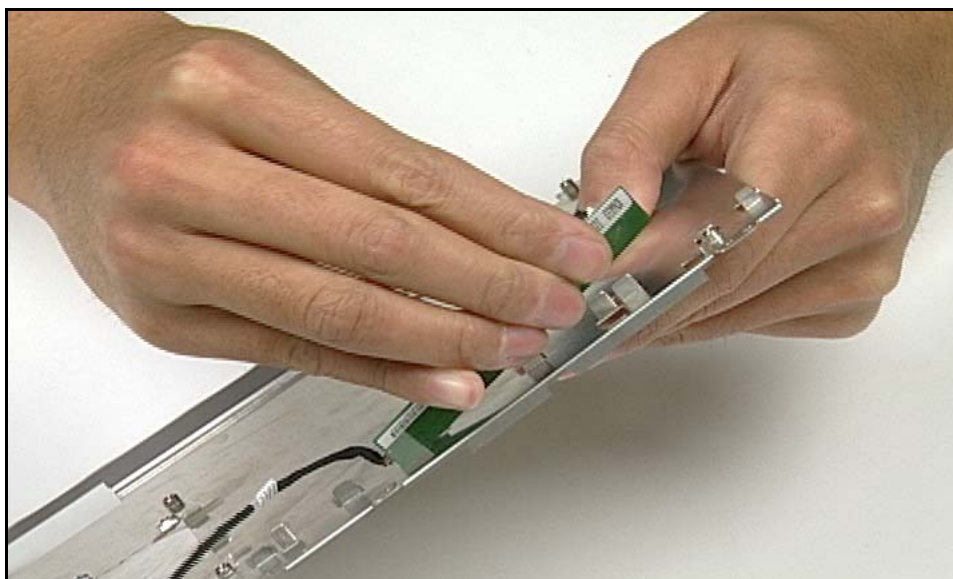


Figure 3-70. Removing Touch Screen Board (2 of 2)

2. Disconnect and remove touch screen board cable (C) from board connector (c). (Figure 3-71)

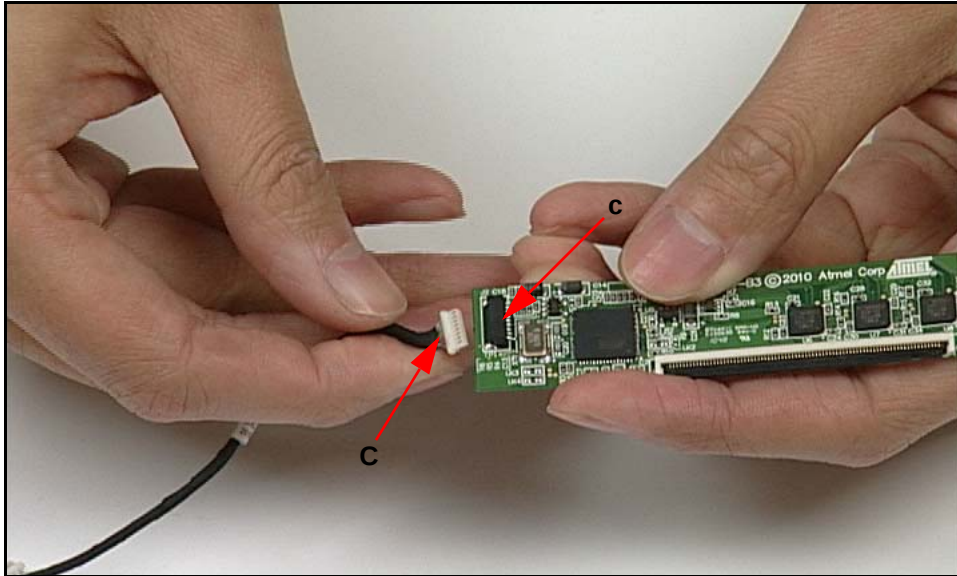


Figure 3-71. Removing Touch Screen Board Cable

Touch Screen Board Installation

1. Install and connect touch screen cable (C) to board connector (c). (Figure 3-71)
2. Align touch screen board to LCD support plate guides (D). (Figure 3-72)

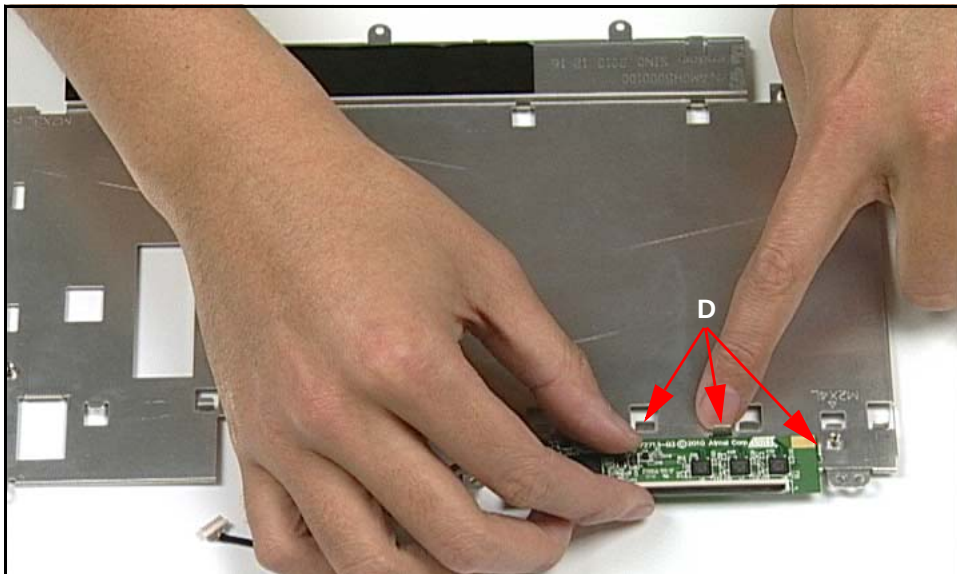


Figure 3-72. Aligning Touch Screen Board to LCD Support Plate Guides

3. Install and secure touch screen board on LCD support plate. (Figure 3-73)

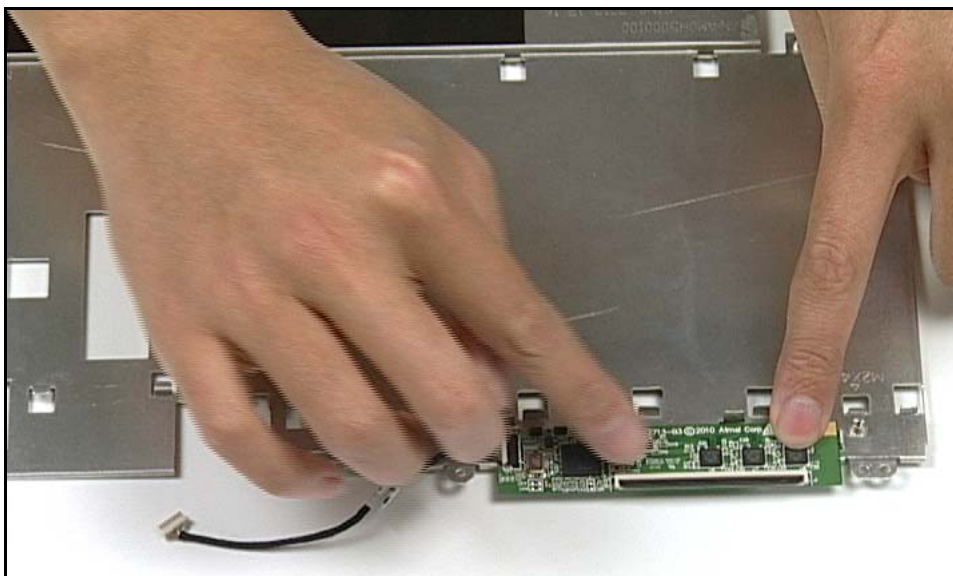


Figure 3-73. Installing Touch Screen Board

4. Install LCD support plate.

3G Antenna Removal

Prerequisite:

[LCD Support Plate Removal](#)

1. Remove main (A, black) and auxiliary (B, blue) antennas from bezel. (Figure 3-74)

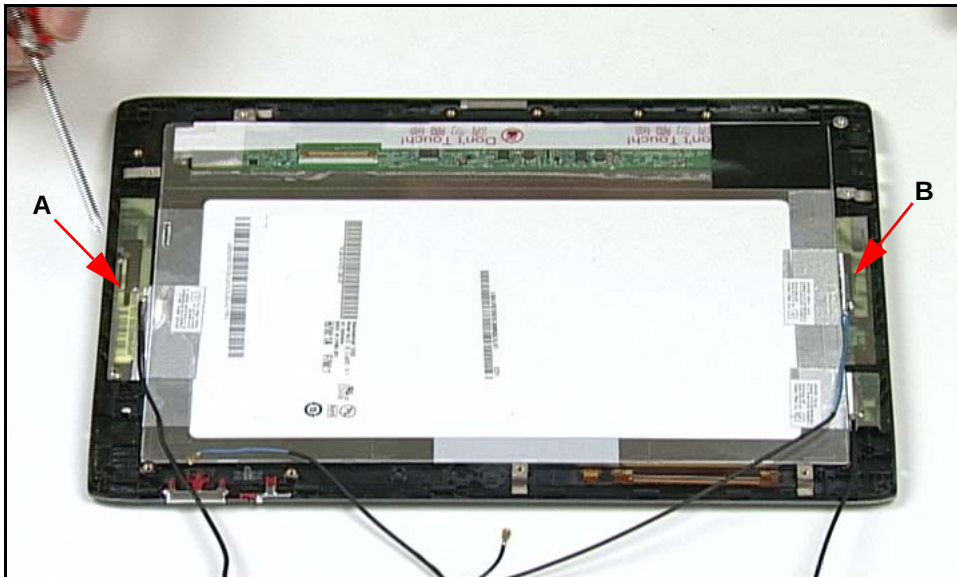


Figure 3-74. Removing 3G Antennas

3G Antenna Installation

1. Align main (black) antenna to bezel guide (C).(Figure 3-75)

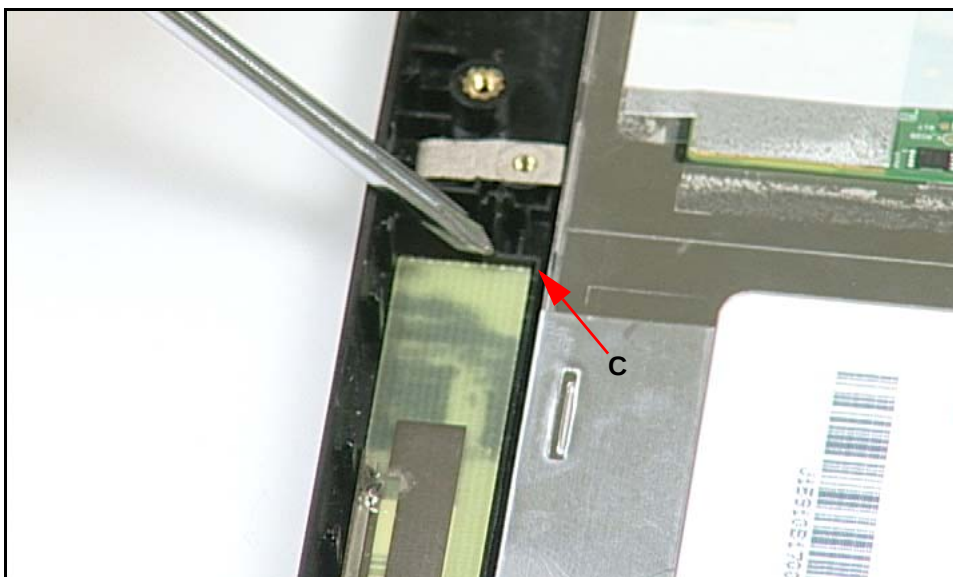


Figure 3-75. Aligning Main 3G Antenna

2. Align auxiliary (blue) antenna to bezel guide (D).(Figure 3-76)

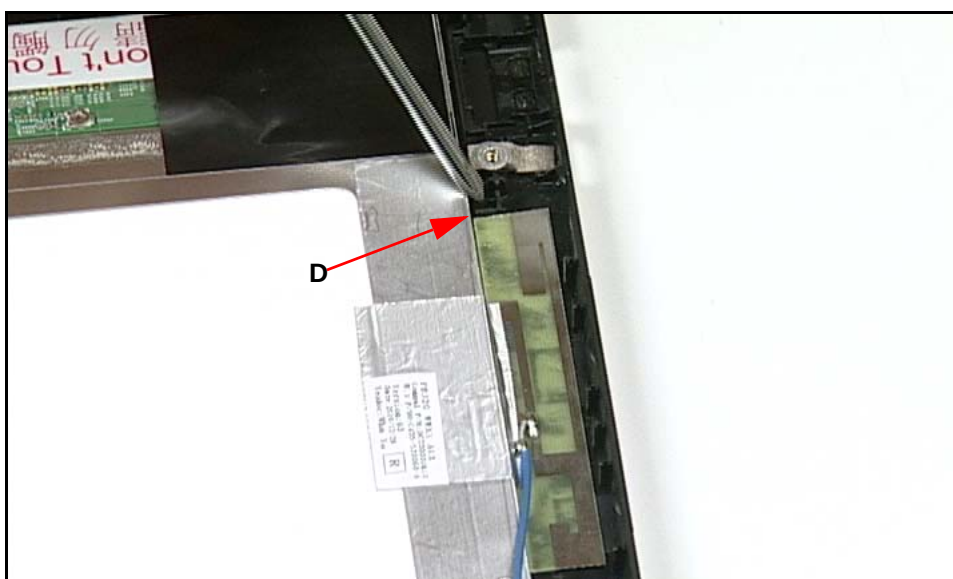


Figure 3-76. Aligning Auxiliary 3G Antenna

3. Install and secure 3G antennas on bezel.
4. Install LCD support plate.

WLAN Antenna Removal

Prerequisite:

[LCD Support Plate Removal](#)

1. Remove main (black) WLAN antenna (A) from bezel. (Figure 3-77)

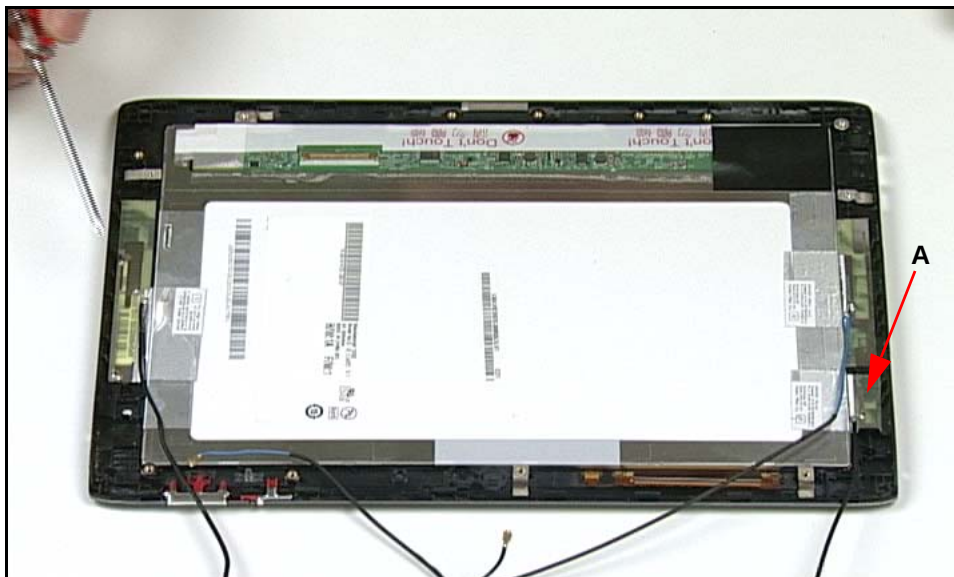


Figure 3-77. Removing WLAN Antenna

WLAN Antenna Installation

1. Align main (black) WLAN antenna to bezel guide (B).(Figure 3-78)

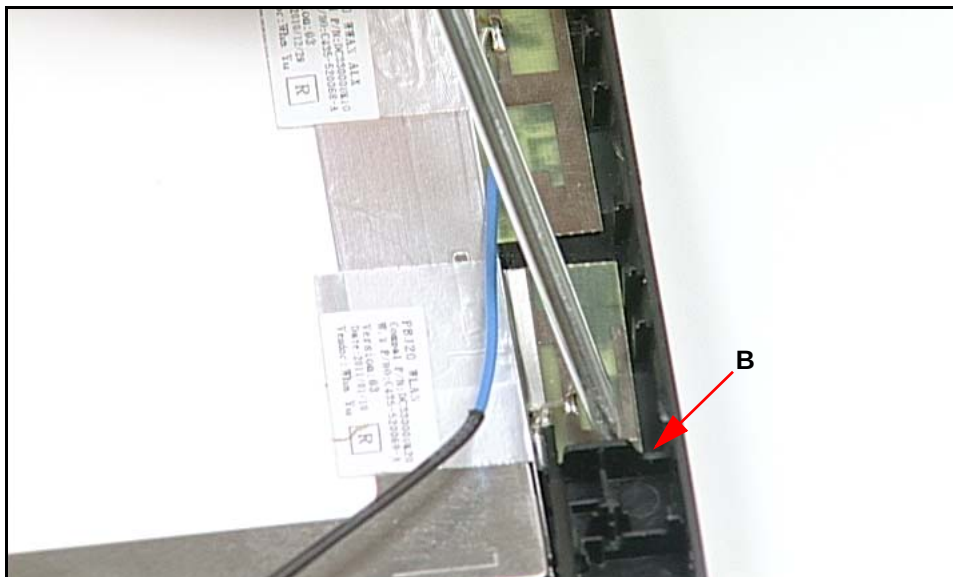


Figure 3-78. Aligning WLAN Antenna

2. Install and secure WLAN antenna on bezel.
3. Install LCD support plate.

CHAPTER 4

Troubleshooting

Introduction	4-3
General Information	4-3
Power On Issues	4-4
No Display Issues.	4-5
LCD Picture Failure	4-6
Touch Screen Failure	4-7
Internal Speaker Failure.	4-8
Internal Microphone Failure	4-9
USB Failure	4-10
Front Camera Failure	4-11
Back Camera Failure.	4-12
P-Sensor Failure	4-13
3G Function Failure	4-14
Wireless Function Test Failure	4-15
GPS Function Test Failure (Wi-Fi SKU).	4-16
GPS Function Test Failure (3G SKU).	4-17
Docking Station Test Failure	4-18
Other Functions Failure	4-19

Troubleshooting

Introduction

This chapter contains information about troubleshooting common problems associated with the notebook.

General Information

The following procedures are a guide for troubleshooting computer problems. The step by step procedures are designed to be performed as described.

⇒ NOTE:

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

1. Obtain as much detailed information as possible about the problem.
2. If possible, verify the symptoms by re-creating the failure through diagnostic tests or repeating the operation that led to the problem.
3. Use Table 4-1 with the verified symptom to determine the solution.

Table 4-1. Verified Symptoms

Symptoms (Verified)
Power On Issues
No Display Issues
LCD Picture Failure
Touch Screen Failure
Internal Speaker Failure
Internal Microphone Failure
USB Failure
Front Camera Failure
Back Camera Failure
P-Sensor Failure
3G Function Failure
Wireless Function Test Failure
GPS Function Test Failure (Wi-Fi SKU)
GPS Function Test Failure (3G SKU)
Docking Station Test Failure
Other Functions Failure

4. If the Issue is still not resolved, refer to [Online Support Information](#).

Power On Issues

If the system doesn't power on, perform the following:

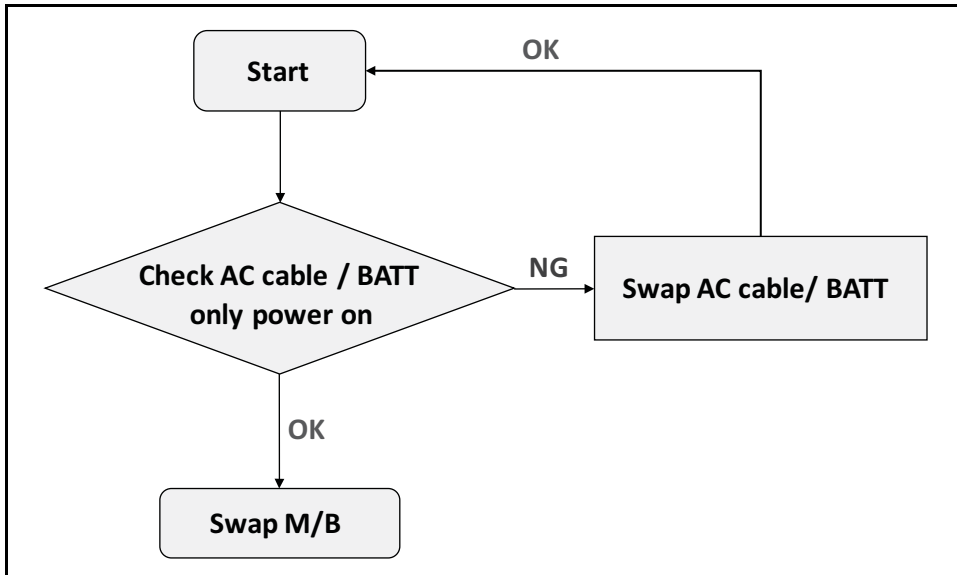


Figure 4-1. Power On Issues

No Display Issues

If the system doesn't display, perform the following:

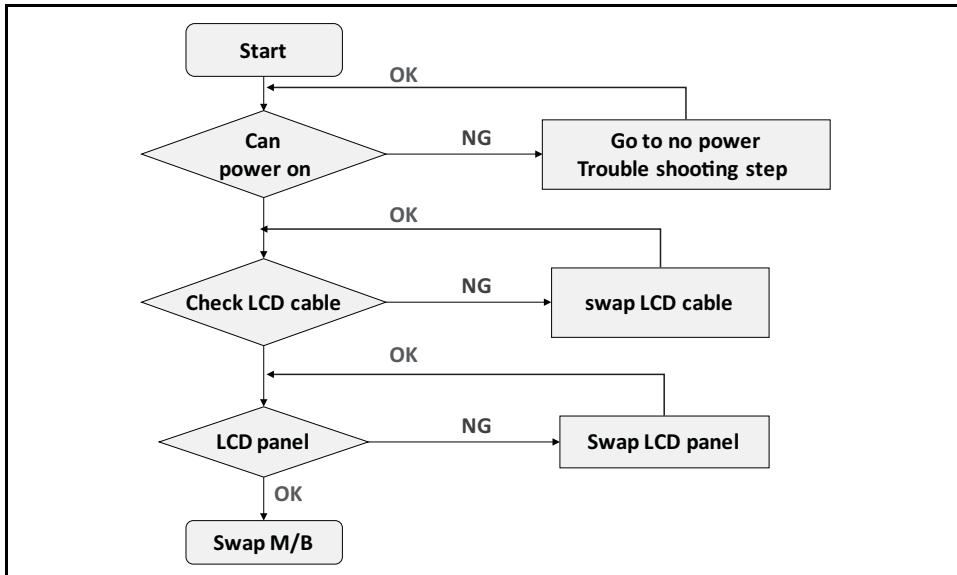


Figure 4-2. No Display Issues

LCD Picture Failure

If the LCD picture fails, perform the following:

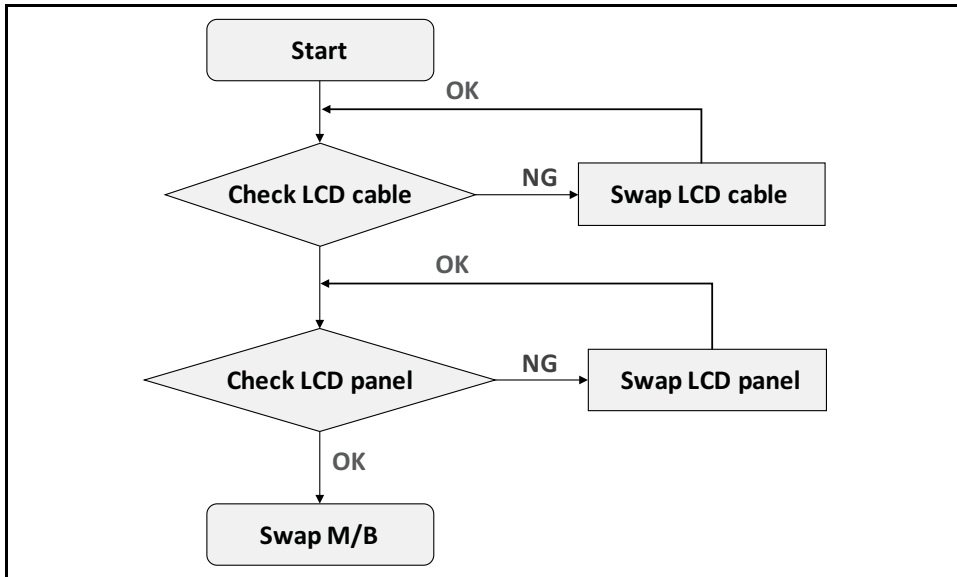


Figure 4-3. LCD Picture Failure

Touch Screen Failure

If the touch screen fails, perform the following:

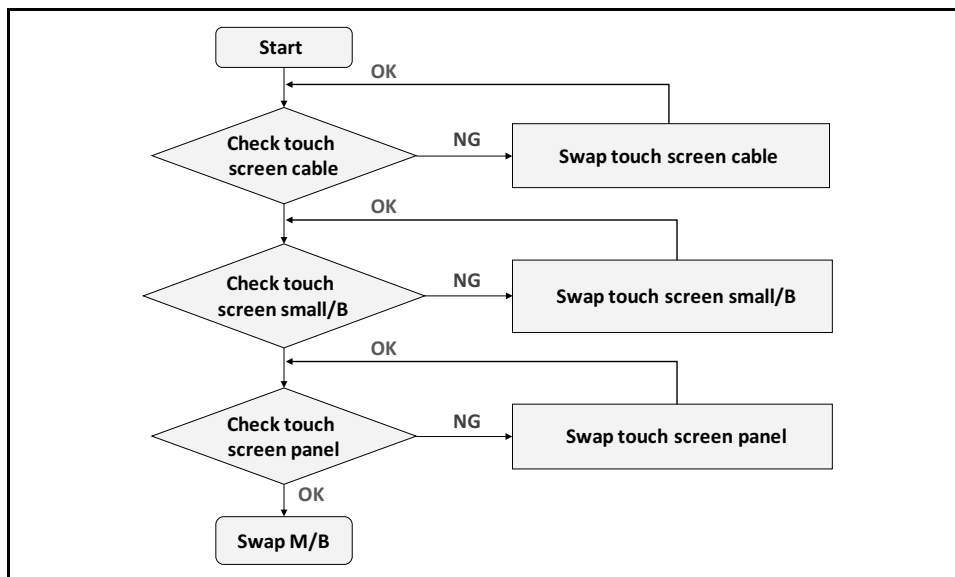


Figure 4-4. Touch Screen Failure

Internal Speaker Failure

If the internal speakers fail, perform the following:

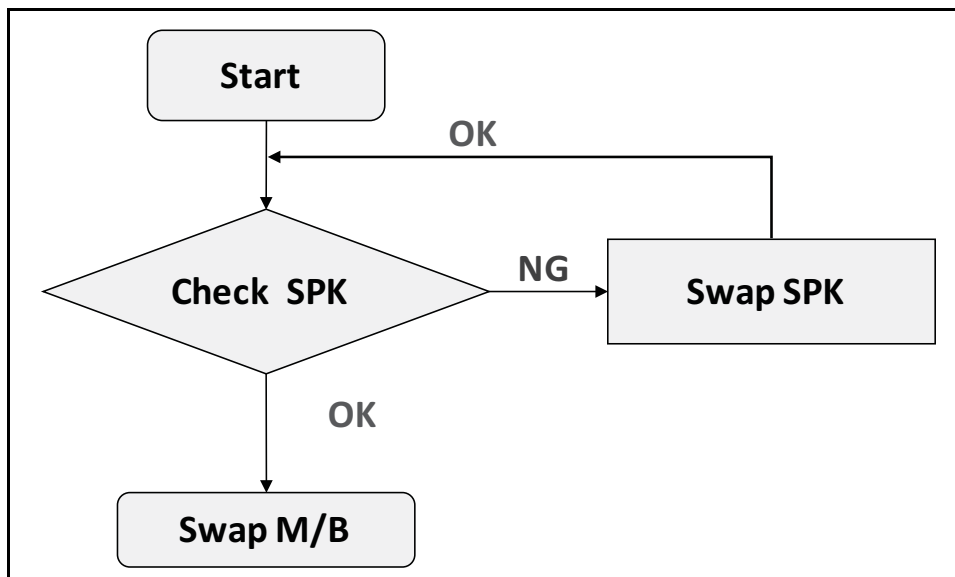


Figure 4-5. Internal Speaker Failure

Internal Microphone Failure

If the internal microphone fails, perform the following:

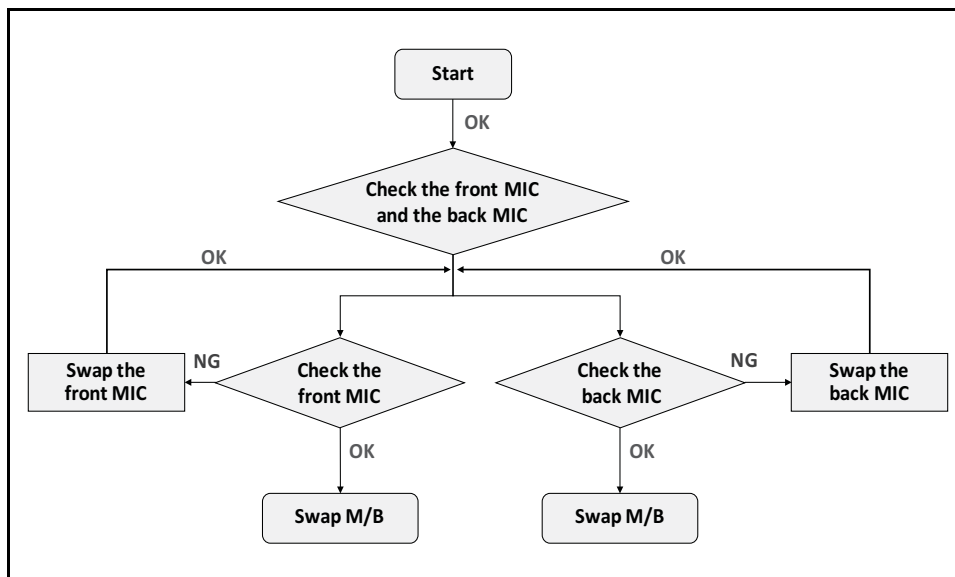


Figure 4-6. Internal Microphone Failure

USB Failure

If the USB fails, perform the following:

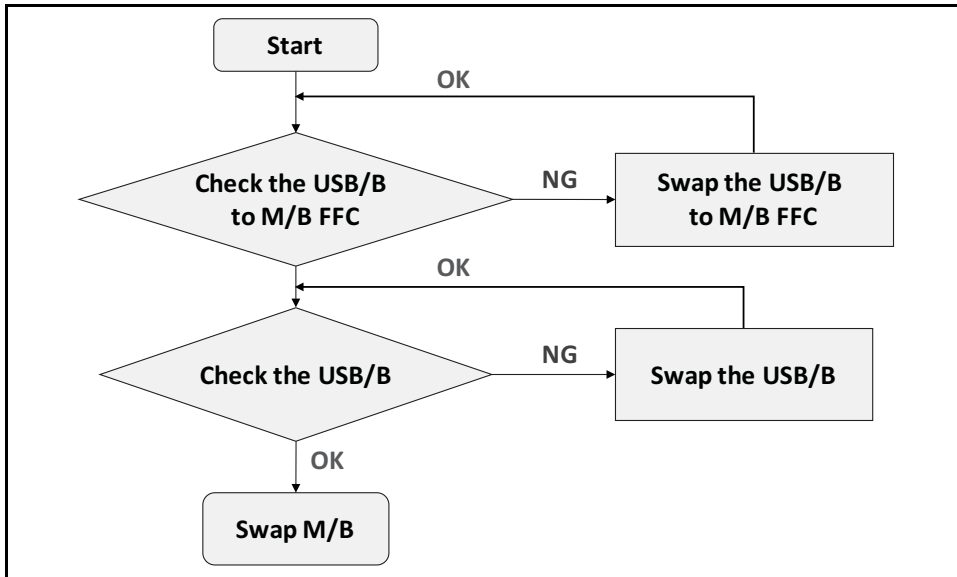


Figure 4-7. USB Failure

Front Camera Failure

If the front camera fails, perform the following:

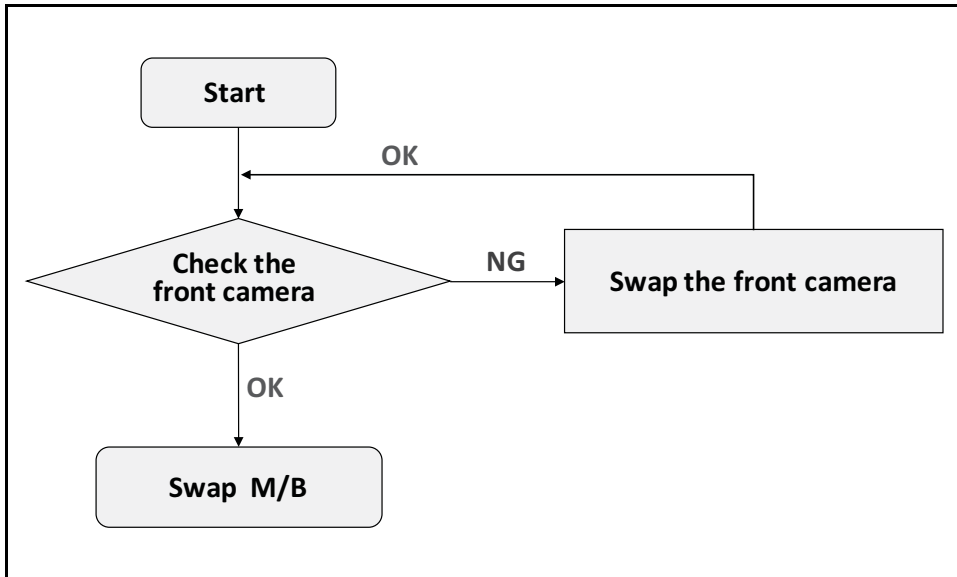


Figure 4-8. Front Camera Failure

Back Camera Failure

If the back camera fails, perform the following:

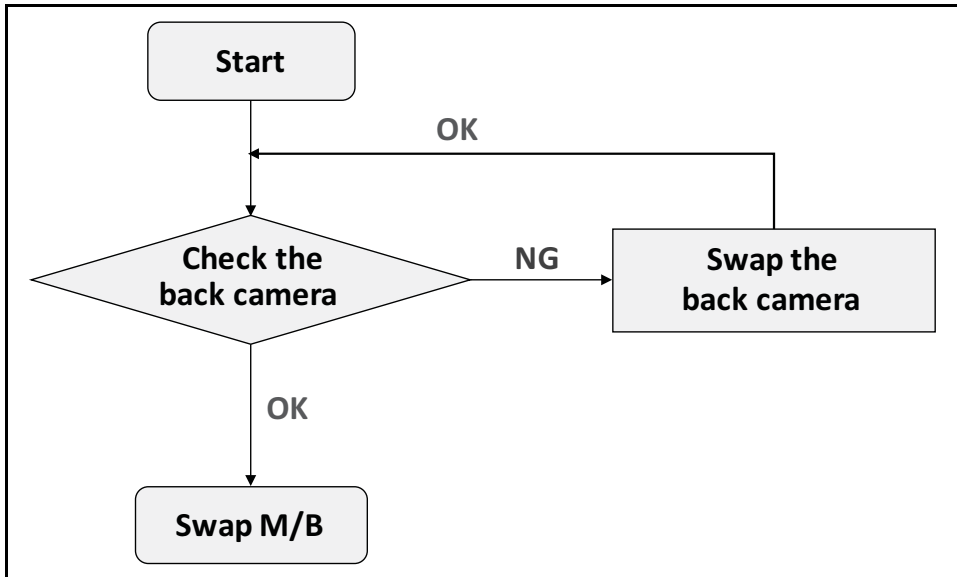


Figure 4-9. Back Camera Failure

P-Sensor Failure

If the P-sensor fails, perform the following:

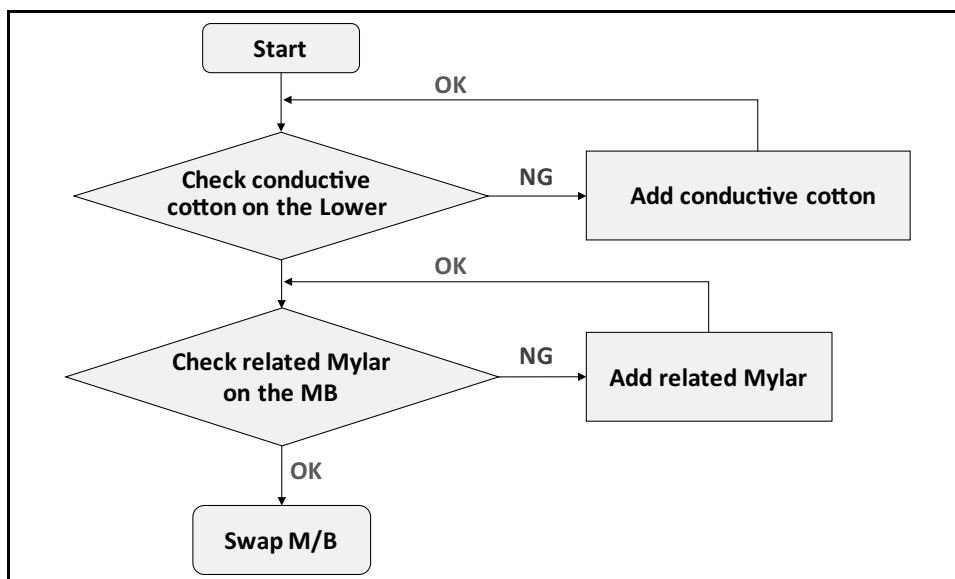


Figure 4-10. P-Sensor Failure

3G Function Failure

If the 3G function fails, perform the following:

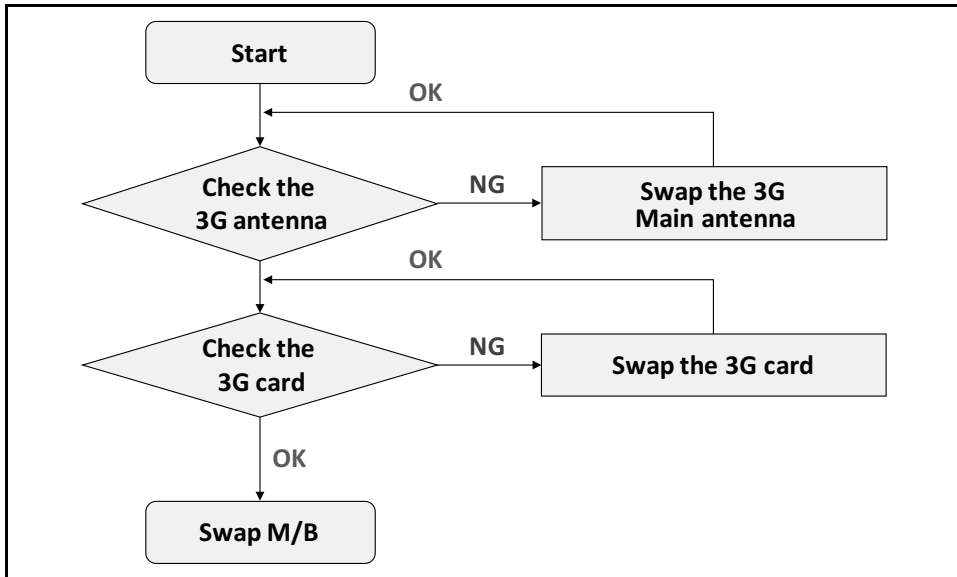


Figure 4-11. 3G Function Failure

Wireless Function Test Failure

If the wireless function fails, perform the following:

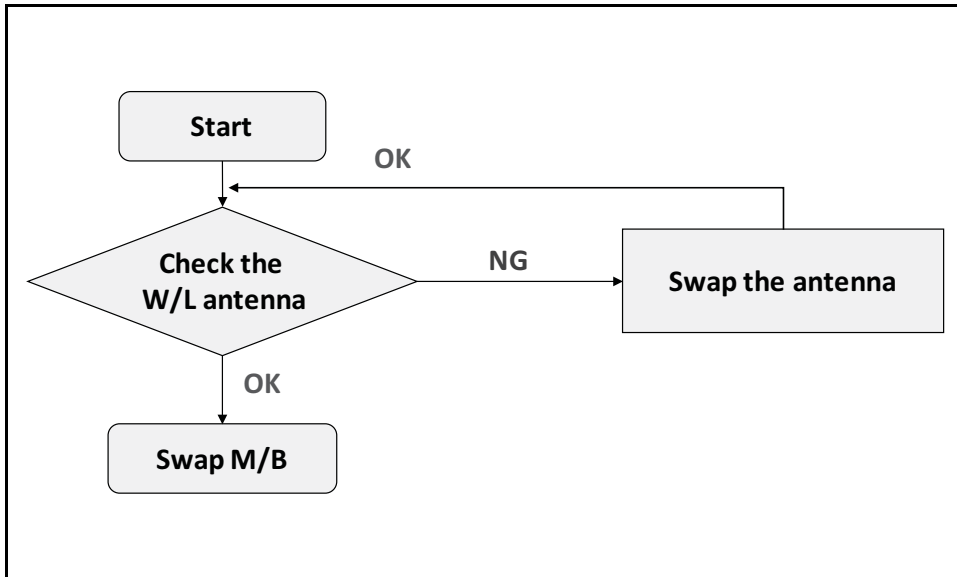


Figure 4-12. Wireless Function Failure

GPS Function Test Failure (Wi-Fi SKU)

If the GPS function test fails, perform the following:

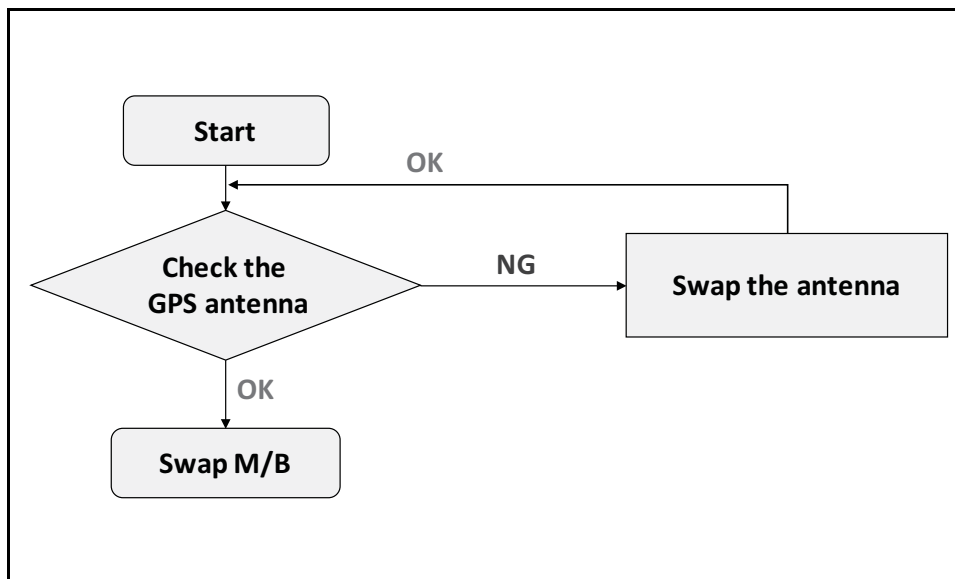


Figure 4-13. GPS Function Test Failure

GPS Function Test Failure (3G SKU)

If the GPS function test fails, perform the following:

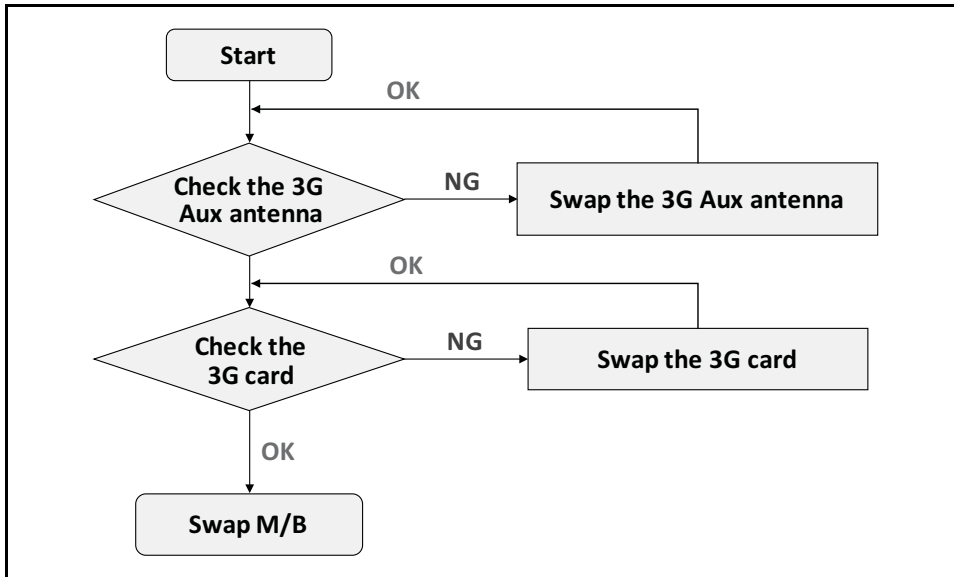


Figure 4-14. GPS Function Test Failure

Docking Station Test Failure

If the docking station test fails, perform the following:

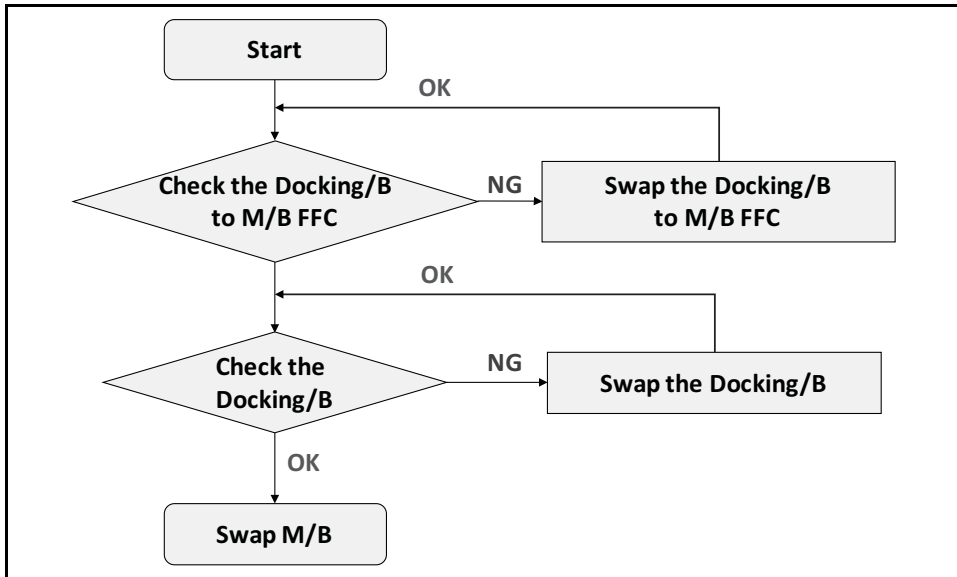


Figure 4-15. Docking Station Test Failure

Other Functions Failure

1. Check component connection to mainboard.
2. To test for mainboard fault, swap mainboard.

CHAPTER 5

Jumper and Connector Locations

Mainboard	5-3
------------------------	------------

Jumper and Connector Locations

Mainboard

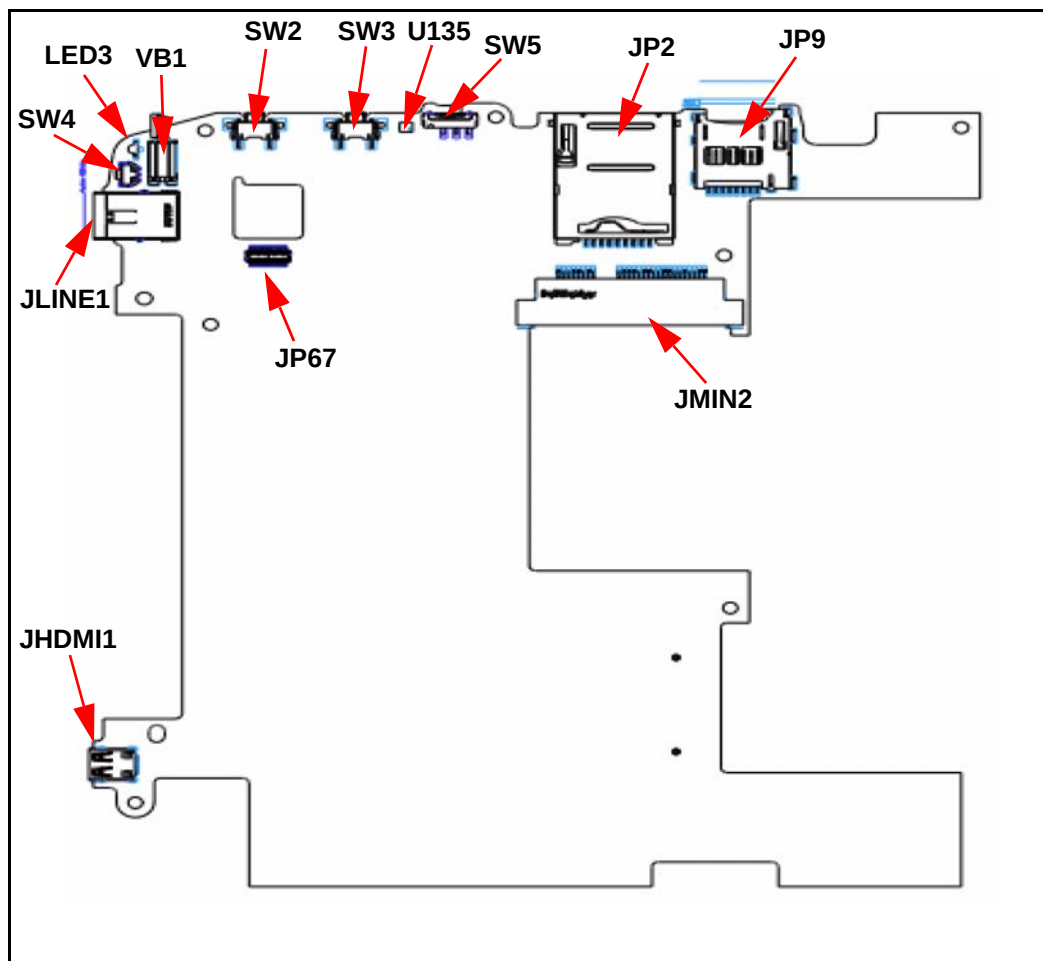


Figure 5-1. Mainboard Top

Table 5-1. Mainboard Top

Item	Description	Item	Description
LED3	Power / Battery LED	JP9	Micro SD connector
VB1	Vibrator	JMIN2	3G connector
SW2, SW3	Volume key	SW4	Power button
U135	Light sensor	JLINE1	Audio Jack
SW5	Lock key	JHDMI1	HDMI connector
JP2	SIM connector	JP67	5M camera connector

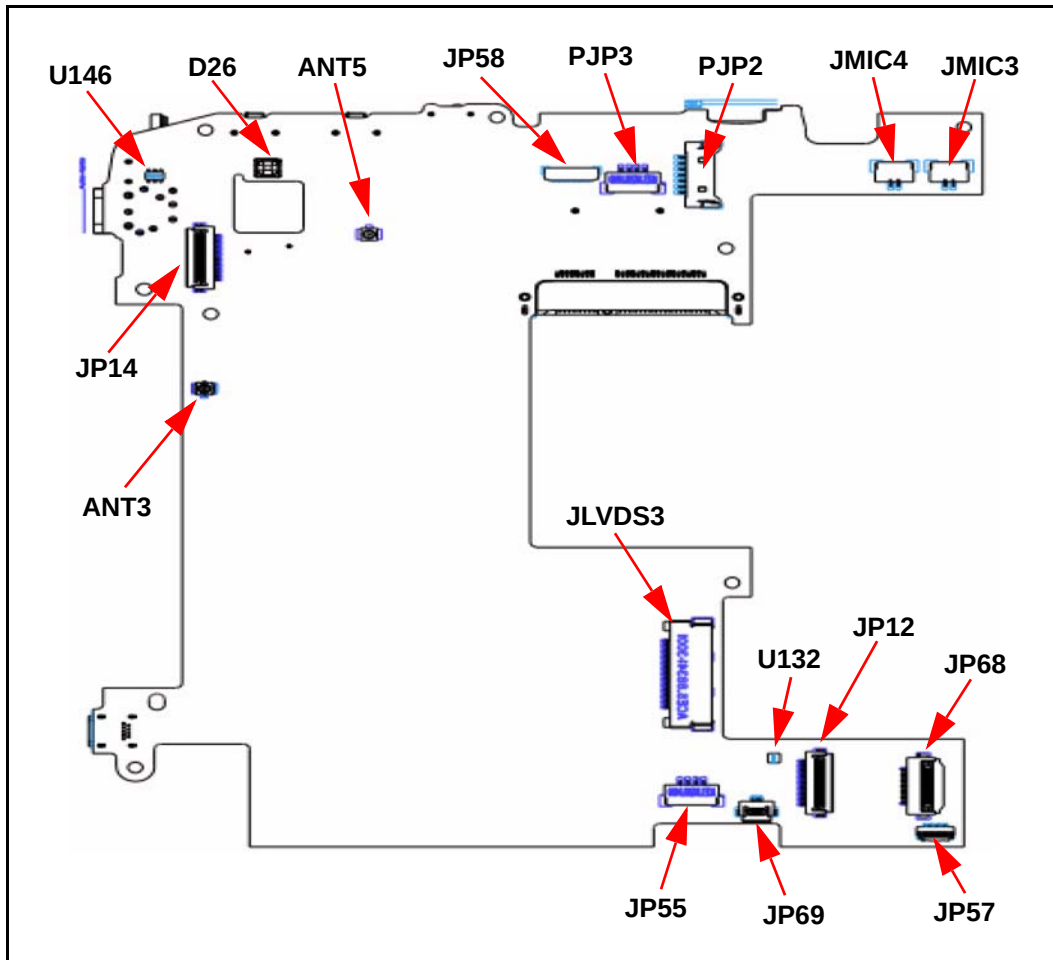


Figure 5-2. Mainboard Bottom

Table 5-2. Mainboard Bottom

Item	Description	Item	Description
U146	P-sensor	JP55	Speaker connector
D26	Flash LED	U132	E-compass
ANT5	WIFI Antenna	JP12	Docking connector
JP58	Touch panel connector	JP68	IO connector
PJP3	DC-IN connector	JP57	Update EC firmware connector
PJP2	Battery connector	JP69	Debug connector
JMIC4, JMIC3	MIC connector	ANT3	GPS Antenna
JLVD3	Panel connector	JP14	2M camera connector

CHAPTER 6

Field Replaceable Unit List

Exploded Diagrams	6-4
Main Assembly	6-4
FRU List	6-8
Screw List	6-12

FRU List

This chapter provides users with a FRU (Field Replaceable Unit) listing in global configurations for the ICONIA Tab A500/501. Refer to this chapter whenever ordering for parts to repair or for RMA (Return Merchandise Authorization).

⇒ NOTE:

When ordering FRU parts, check the most up-to-date information available on the regional web or channel. Part number changes will not be noted on the printed Service Guide. For Acer Authorized Service Providers, the Acer office may have a different part number code from those given in the FRU list of this printed Service Guide. Users **MUST** use the local FRU list provided by the regional Acer office to order FRU parts for repair and service of customer machines.

⇒ NOTE:

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

Exploded Diagrams

Main Assembly

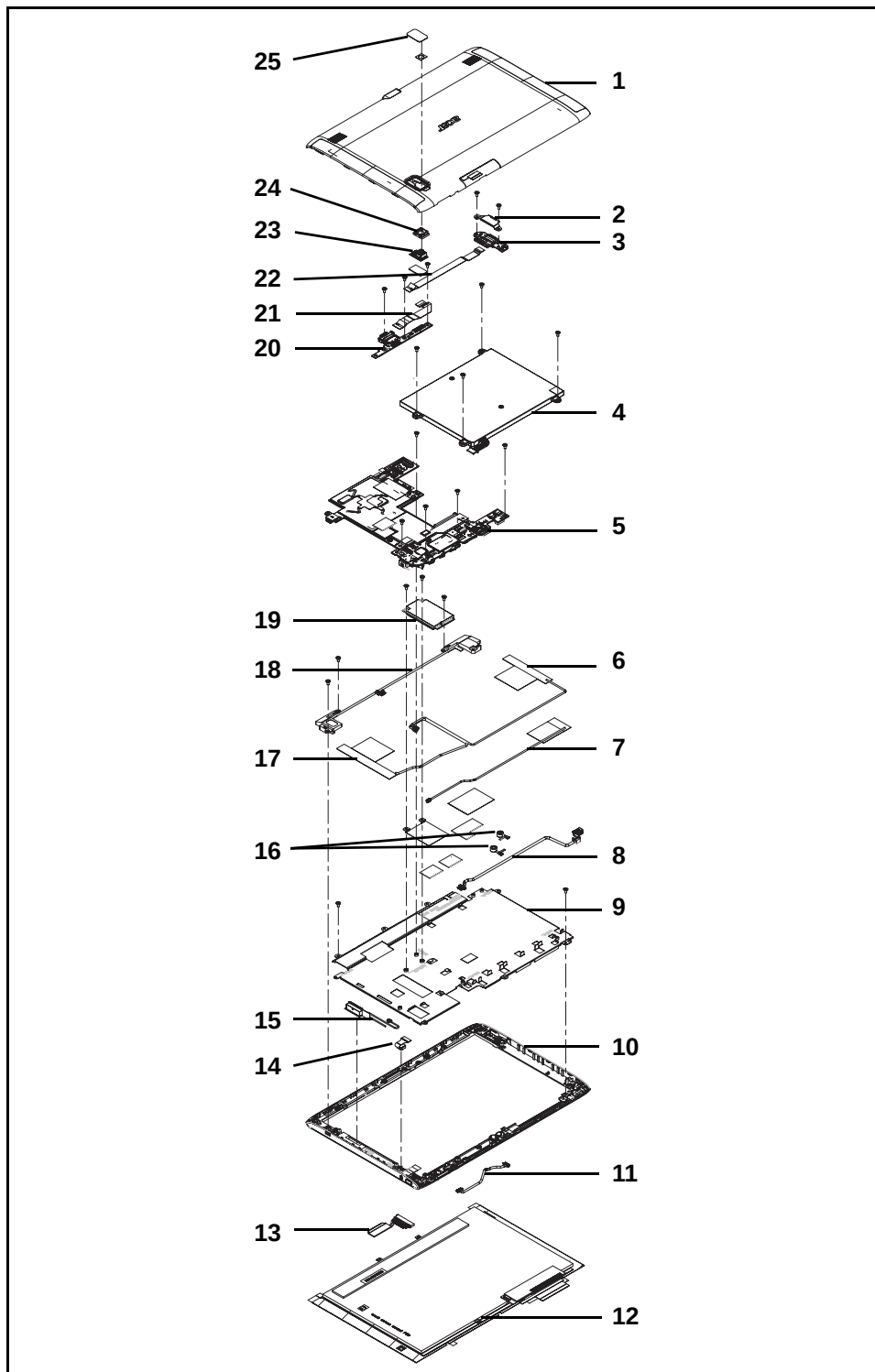


Figure 6-1. Main Assembly with 3G Exploded Diagram

Table 6-1. Main Assembly (3G) Exploded Diagram

No.	Description	P/N
1	LOWER CASE INCL. CAMERA GLASS FOR 3G	60.H6002.001
2	USB SUPPORT PLATE	33.H6002.002
3	USB BOARD	55.H6002.002
4	BATTERY	BT.00207.001
5	MAINBOARD	MB.70500.041
6	ANTENNA 3G-AUX	50.H6002.007
7	ANTENNA WLAN	50.H6002.005
8	DC-IN CABLE	50.H6002.001
9	LCD SUPPORT PLATE FOR 3G	33.H6M02.001
10	LCD BEZEL	
11	TOUCH PANEL CABLE	50.H6002.004
12	LCD Panel	LK.10105.008
13	LVDS CABLE	50.H6002.009
14	CAMERA 2M	57.H6002.001
15	ANTENNA GPS	50.H6002.008
16	MIC SET	23.H6002.001
17	ANTENNA 3G-MAIN	50.H6002.006
18	SPEAKER L+R	23.H6002.002
19	ERICSSON F5521GW	LC.21300.056
20	DOCKING BOARD	55.H6002.001
21	DOCKING BOARD FFC	50.H6002.002
22	USB BOARD FFC	50.H6002.003
23	CAMERA HOLDER FOR 5M CAMERA	42.H6002.001
24	CAMERA 5M	57.H6002.002
25	CAMERA GLASS FOR 5M CAMERA	60.H6002.002

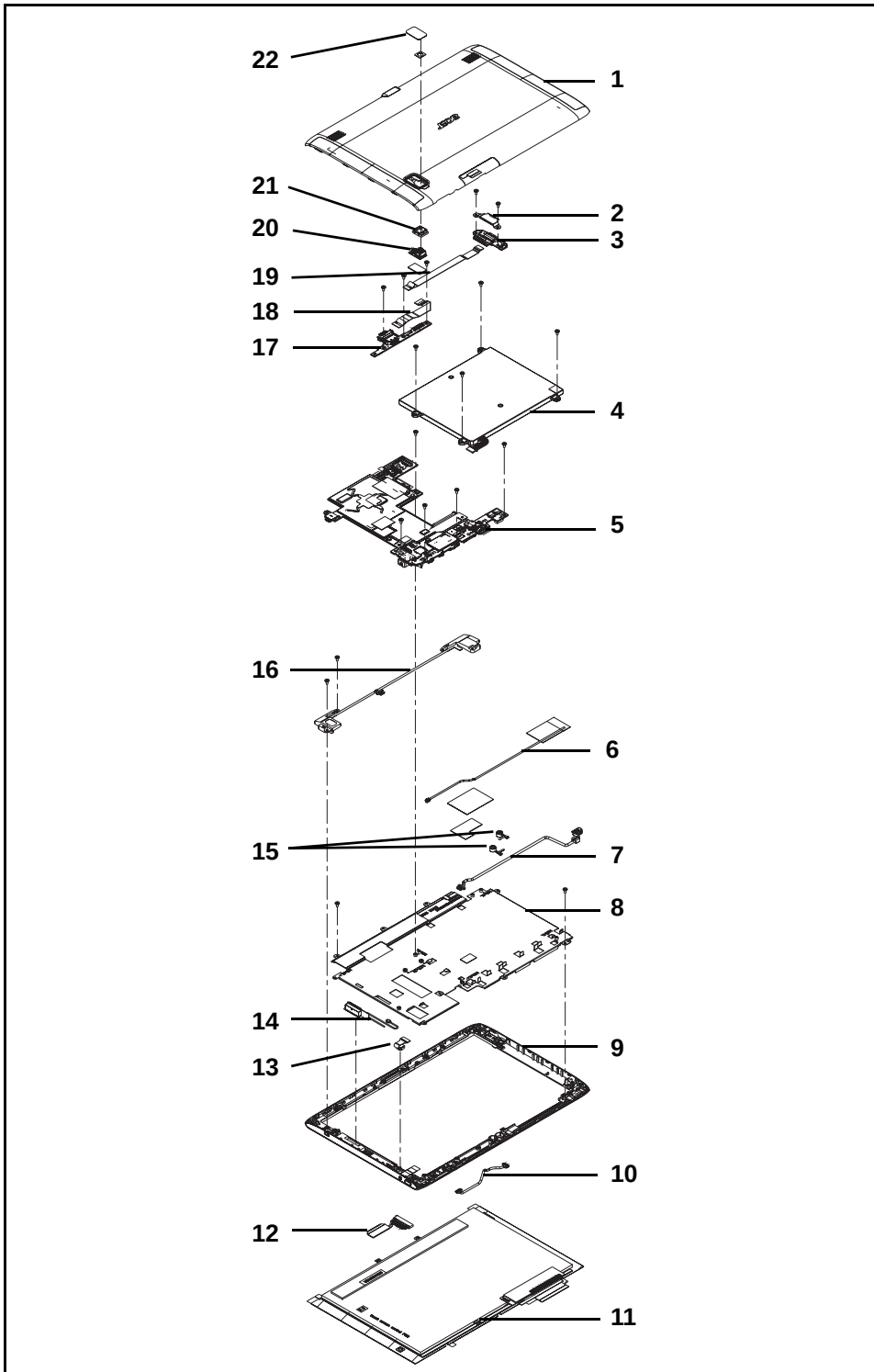


Figure 6-2. Main Assembly without 3G Exploded Diagram

Table 6-2. Main Assembly without 3G Exploded Diagram

No.	Description	P/N
1	LOWER CASE INCL. CAMERA GLASS FOR 3G	60.H6002.001
2	USB SUPPORT PLATE	33.H6002.002
3	USB BOARD	55.H6002.002
4	BATTERY	BT.00207.001
5	MAINBOARD	MB.70500.041
6	ANTENNA WLAN	50.H6002.005
7	DC-IN CABLE	50.H6002.001
8	LCD SUPPORT PLATE FOR W/O 3G	33.H6002.001
9	LCD BEZEL	
10	TOUCH PANEL CABLE	50.H6002.004
11	LCD PANEL	LK.10105.008
12	LVDS CABLE	50.H6002.009
13	CAMERA 2M	57.H6002.001
14	ANTENNA GPS	50.H6002.008
15	MIC SET	23.H6002.001
16	SPEAKER L+R	23.H6002.002
17	DOCKING BOARD	55.H6002.001
18	DOCKING BOARD FFC	50.H6002.002
19	USB BOARD FFC	50.H6002.003
20	CAMERA HOLDER FOR 5M CAMERA	42.H6002.001
21	CAMERA 5M	57.H6002.002
22	CAMERA GLASS FOR 5M CAMERA	60.H6002.002

FRU List

Table 6-3. FRU List

CATEGORY	Description	P/N
Adapter		
	Adapter PHIHONG 18W 12V/1.5A Black PSA18R-120P(AI)-R LF	AP.0180P.002
Battery		
	Battery SIMPLO BAT-1010 Polymer 2S1P LGC 2 Cell 3260mAh Main COMMON BAT-1010	BT.00207.001
	Battery SANYO BAT-1010 Polymer 2S1P SANYO 2 Cell 3260mAh Main COMMON	BT.00203.002
BOARD		
	DOCKING BOARD	55.H6002.001
	USB BOARD	55.H6002.002
	ERICSSON F5521GW	LC.21300.056
	3G CARD Huawei EM770W-Rev2	LC.21300.066
	HUAWEI EM820W	LC.21300.068
CABLE		
	DC-IN CABLE	50.H6002.001
	DOCKING BOARD FFC	50.H6002.002
	USB BOARD FFC	50.H6002.003

Table 6-3. FRU List (Continued)

CATEGORY	Description	P/N
	TOUCH PANEL CABLE	50.H6002.004
	EXTERNAL HDMI CABLE	XZ.70200.117
	EXTERNAL USB CABLE	XZ.70200.115
	AC CLIP 18W -EU	27.L0302.001
	AC CLIP 18W -US	27.L0302.002
	AC CLIP 18W -CN	27.L0302.003
	AC CLIP 18W -UK	27.H6002.001
	AC CLIP 18W -AU	27.H6002.002
	ANTENNA WLAN	50.H6002.005
	ANTENNA 3G-MAIN	50.H6002.006
	ANTENNA 3G-AUX	50.H6002.007
	ANTENNA GPS	50.H6002.008
	LVDS CABLE	50.H6002.009
CASE/COVER/BRACKET ASSEMBLY		
	LOWER CASE INCL. CAMERA GLASS FOR 3G	60.H6002.001
	LOWER CASE INCL. CAMERA GLASS FOR W/O 3G	60.H6002.003
	CAMERA GLASS FOR 5M CAMERA	60.H6002.002
	CAMERA HOLDER FOR 5M CAMERA	42.H6002.001
	LCD SUPPORT PLATE FOR W/O 3G	33.H6002.001
	LCD SUPPORT PLATE FOR 3G	33.H6M02.001
	USB SUPPORT PLATE	33.H6002.002

Table 6-3. FRU List (Continued)

CATEGORY	Description	P/N
DIGITAL LIGHT DEVICE		
	CAMERA 2M	57.H6002.001
	CAMERA 5M	57.H6002.002
IC		
	IC Elpida Memory 168b PoP EDB8132B2PB-6D-F 40nm 8Gb	IC.0800E.001
	IC Hynix Memory H8TJR00X0MLR-0YM 44nm	IC.0080H.002
	eMMC SanDisk Memory eMMC SDIN4C2-16G 32nm	IC.0160B.001
	IC SanDisk Memory SDIN4E2-32G 43nm	IC.0320B.001
LCD		
	ASSY LCD TOUCH MODULE 10.1 FOR WIFI	6M.H6002.001
	ASSY LCD TOUCH MODULE 10.1 FOR 3G	6M.H6002.002
	LED LCD AUO 10.1" WXGA Glare B101EW05 0A LF 300nit 25ms w/TP (Cando + ATMEL, AUO TTL solution)	LK.10105.008
MAINBOARD		
	Mainboard A501_16s Nvidia Tegra 250, W/3G&CPU&RAM	MB.70500.041
	Mainboard A501_32s Nvidia Tegra 250, W/3G&CPU&RAM	MB.70500.042
	Mainboard A500_16s Nvidia Tegra 250, W/O 3G W/CPU&RAM	MB.H6000.001
	Mainboard A500_32s Nvidia Tegra 250, W/O 3G W/CPU&RAM	MB.H6L00.001
MISCELLANEOUS		
	MB CONDUCTIVE TAPE	47.H6002.002

Table 6-3. FRU List (Continued)

CATEGORY	Description	P/N
	LCD PANEL CONDUCTIVE TAPE	47.H6002.003
	ANTI-TEAR LABEL	47.H6002.004
SPEAKER		
	MIC SET	23.H6002.001
	SPEAKER L+R	23.H6002.002

Screw List

Table 6-4. Screw List

Category	Description	P/N
SCREWS		
	SCREW 2.0D 3.0L K 4.6D ZK NL CR3	86.H6002.002
	SCREW 2D 4.0L K 4.6D NI NL	86.H6002.001

CHAPTER 7

Model Definition and Configuration

A500	7-3
A501	7-12

Model Definition and Configuration

A500

Table 7-1. RO & Description

Model	Country	P/N	RO	Description
A500	AU/NZ	XE.H60AN.010	AAP	A500 Tablet None AAP_GEN4 AndroidAU-Tab-1 AU- Silver WiFi Only_16G N N
A500	AU/NZ	XE.H60AN.012	AAP	A500 Tablet None EMEA_GEN1 AndroidAU-Tab-1 AU- Silver Sample ONLY N N
A500	AU/NZ	XE.H6LAN.010	AAP	A500 Tablet None AAP_GEN4 AndroidAU-Tab-1 AU- Silver WiFi Only_32G N N
A500	BE	XE.H60EN.006	EMEA	A500 Tablet EMEA_CUS3 AndroidBE-5 EU- Silver WiFi Only_16G
A500	BE	XE.H6LEN.007	EMEA	A500 Tablet EMEA_CUS3 AndroidBE-5 EU- Silver WiFi Only_32G
A500	CA	XE.H60PN.003	PA	A500 Tablet None EMEA_GEN1 AndroidCA-Tab-1 US- Silver WiFi only_16G N N
A500	CA	XE.H6LPN.003	PA	A500 Tablet None EMEA_GEN1 AndroidCA-Tab-1 US- Silver WiFi only_32G N N
A500	ES	XE.H60PN.005	PA	A500 Tablet EMEA_GEN3 AndroidLatin-Tab-1 USEU Silver WiFi only_16G N N
A500	ES	XE.H6LPN.005	PA	A500 Tablet EMEA_GEN3 AndroidLatin-Tab-1 USEU Silver WiFi only_32G N N
A500	GCTWN	XE.H60TN.001	TWN	A500 Tablet None AAP_GEN4TW AndroidTW-Tab-1 US- Silver WiFi Only_16G N N
A500	GCTWN	XE.H6LTN.001	TWN	A500 Tablet None AAP_GEN4TW AndroidTW-Tab-1 US- Silver WiFi Only_32G N N
A500	HK	XE.H60CN.001	CHINA	A500 Tablet None AAP_GEN4TW AndroidHK-Tab-1 UK- Silver WiFi Only_16G N N

Table 7-1. RO & Description (Continued)

Model	Country	P/N	RO	Description
A500	HK	XE.H6LCN.001	CHINA	A500 Tablet None AAP_GEN4TW AndroidHK-Tab-1 UK- Silver WiFi Only_32G N N
A500	ID	XE.H60AN.002	AAP	A500 Tablet None AAP_GEN4 AndroidID-Tab-1 EU- Silver WiFi Only_16G N N
A500	ID	XE.H6LAN.001	AAP	A500 Tablet None AAP_GEN4 AndroidID-Tab-1 EU- Silver WiFi Only_32G N N
A500	IN	XE.H60AN.001	AAP	A500 Tablet None AAP_GEN4 AndroidIN-Tab-1 EU- Silver WiFi Only_16G N N
A500	IN	XE.H6LAN.007	AAP	A500 Tablet None AAP_GEN4 AndroidIN-Tab-1 EU- Silver WiFi Only_32G N N
A500	IT	XE.H60EN.003	EMEA	A500 Tablet EMEA_GEN1 AndroidIT-6 EU- Silver WiFi only_16G
A500	IT	XE.H6LEN.002	EMEA	A500 Tablet EMEA_GEN1 AndroidIT-6 EU- Silver WiFi only_32G
A500	MOYO	XE.H60EN.007	EMEA	A500 Tablet EMEA_GEN5 AndroidME-6 EU- Silver WiFi Only_16G
A500	MOYO	XE.H6LEN.006	EMEA	A500 Tablet EMEA_GEN5 AndroidME-6 EU- Silver WiFi Only_32G
A500	MX	XE.H60PN.004	PA	A500 Tablet EMEA_GEN3 AndroidMX-Tab-1 US- Silver WiFi only_16G N N
A500	MX	XE.H6LPN.004	PA	A500 Tablet EMEA_GEN3 AndroidMX-Tab-1 US- Silver WiFi only_32G N N
A500	MY	XE.H60AN.003	AAP	A500 Tablet None AAP_GEN4 AndroidMY-Tab-1 UK- Silver WiFi Only_16G N N
A500	MY	XE.H6LAN.002	AAP	A500 Tablet None AAP_GEN4 AndroidMY-Tab-1 UK- Silver WiFi Only_32G N N
A500	PH	XE.H60AN.004	AAP	A500 Tablet None AAP_GEN4 AndroidPH-Tab-1 US- Silver WiFi Only_16G N N
A500	PH	XE.H6LAN.003	AAP	A500 Tablet None AAP_GEN4 AndroidPH-Tab-1 US- Silver WiFi Only_32G N N
A500	PL	XE.H60EN.009	EMEA	A500 Tablet EMEA_GEN6 AndroidPL EU- Silver WiFi Only_16G

Table 7-1. RO & Description (Continued)

Model	Country	P/N	RO	Description
A500	PL	XE.H6LEN.011	EMEA	A500 Tablet EMEA_GEN6 AndroidPL EU-Silver WiFi Only_32G
A500	RU	XE.H60EN.011	EMEA	A500 Tablet EMEA_GEN3 AndroidRU-8 EU-Silver WiFi Only_16G
A500	RU	XE.H6LEN.012	EMEA	A500 Tablet EMEA_GEN3 AndroidRU-8 EU-Silver WiFi Only_32G
A500	SG	XE.H60AN.005	AAP	A500 Tablet None AAP_GEN4 AndroidSG-Tab-1 UK- Silver WiFi Only_16G N N
A500	SG	XE.H6LAN.004	AAP	A500 Tablet None AAP_GEN4 AndroidSG-Tab-1 UK- Silver WiFi Only_32G N N
A500	TH	XE.H60AN.006	AAP	A500 Tablet None AAP_GEN4 AndroidTH-Tab-1 EU- Silver WiFi Only_16G N N
A500	TH	XE.H6LAN.005	AAP	A500 Tablet None AAP_GEN4 AndroidTH-Tab-1 EU- Silver WiFi Only_32G N N
A500	TR	XE.H60EN.012	EMEA	A500 Tablet EMEA_CUS5TR AndroidTR-4 EU- Silver WiFi Only_16G
A500	TR	XE.H6LEN.009	EMEA	A500 Tablet EMEA_CUS5TR AndroidTR-4 EU- Silver WiFi Only_32G
A500	UK	XE.H60EN.010	EMEA	A500 Tablet EMEA_GEN1 AndroidGB-5 UK-Silver WiFi Only_16G
A500	UK	XE.H6LEN.005	EMEA	A500 Tablet EMEA_GEN1 AndroidGB-5 UK-Silver WiFi Only_32G
A500	US	XE.H60PN.002	PA	A500 Tablet PA_GEN2US AndroidUS-Tab-1 US- Silver WiFi only_16G
A500	US	XE.H6LPN.001	PA	A500 Tablet PA_GEN2US AndroidUS-Tab-1 US- Silver WiFi only_32G
A500	VN	XE.H60AN.007	AAP	A500 Tablet None AAP_GEN4 AndroidVN-Tab-1 EU- Silver WiFi Only_16G N N
A500	VN	XE.H6LAN.006	AAP	A500 Tablet None AAP_GEN4 AndroidVN-Tab-1 EU- Silver WiFi Only_32G N N
A500	West EU-1	XE.H60EN.001	EMEA	A500 Tablet EMEA_GEN1 AndroidWEU3 EU- Silver WiFi only_16G
A500	West EU-1	XE.H60EN.002	EMEA	A500 Tablet EMEA_GEN3 AndroidWEU4 EU- Silver WiFi only_16G

Table 7-1. RO & Description (Continued)

Model	Country	P/N	RO	Description
A500	West EU-1	XE.H60EN.004	EMEA	A500 Tablet EMEA_GEN3 AndroidWEU5 EU- Silver WiFi only_16G
A500	West EU-1	XE.H6LEN.001	EMEA	A500 Tablet EMEA_GEN1 AndroidWEU3 EU- Silver WiFi only_32G
A500	West EU-1	XE.H6LEN.003	EMEA	A500 Tablet EMEA_GEN3 AndroidWEU4 EU- Silver WiFi only_32G
A500	West EU-1	XE.H6LEN.004	EMEA	A500 Tablet EMEA_GEN3 AndroidWEU5 EU- Silver WiFi only_32G
A500	ZA	XE.H60EN.005	EMEA	A500 Tablet EMEA_GEN3 AndroidZA-5 EU- Silver WiFi Only_16G
A500	ZA	XE.H6LEN.008	EMEA	A500 Tablet EMEA_GEN3 AndroidZA-5 EU- Silver WiFi Only_32G

Table 7-2. BOM Name, CPU & LCD1

Model	Country	P/N	BOM Name	CPU	LCD1
A500	AU/NZ	XE.H60AN.010	A500_16s	NV-TEGRA250	H10.1WXGA w/TP
A500	AU/NZ	XE.H60AN.012	A500_16s	NV-TEGRA250	H10.1WXGA w/TP
A500	AU/NZ	XE.H6LAN.010	A500_32s	NV-TEGRA250	H10.1WXGA w/TP
A500	BE	XE.H60EN.006	A500_16s	NV-TEGRA250	H10.1WXGA w/TP
A500	BE	XE.H6LEN.007	A500_32s	NV-TEGRA250	H10.1WXGA w/TP
A500	CA	XE.H60PN.003	A500_16s	NV-TEGRA250	H10.1WXGA w/TP
A500	CA	XE.H6LPN.003	A500_32s	NV-TEGRA250	H10.1WXGA w/TP
A500	ES	XE.H60PN.005	A500_16s	NV-TEGRA250	H10.1WXGA w/TP
A500	ES	XE.H6LPN.005	A500_32s	NV-TEGRA250	H10.1WXGA w/TP
A500	GCTWN	XE.H60TN.001	A500_16s	NV-TEGRA250	H10.1WXGA w/TP
A500	GCTWN	XE.H6LTN.001	A500_32s	NV-TEGRA250	H10.1WXGA w/TP
A500	HK	XE.H60CN.001	A500_16s	NV-TEGRA250	H10.1WXGA w/TP
A500	HK	XE.H6LCN.001	A500_32s	NV-TEGRA250	H10.1WXGA w/TP
A500	ID	XE.H60AN.002	A500_16s	NV-TEGRA250	H10.1WXGA w/TP
A500	ID	XE.H6LAN.001	A500_32s	NV-TEGRA250	H10.1WXGA w/TP
A500	IN	XE.H60AN.001	A500_16s	NV-TEGRA250	H10.1WXGA w/TP
A500	IN	XE.H6LAN.007	A500_32s	NV-TEGRA250	H10.1WXGA w/TP
A500	IT	XE.H60EN.003	A500_16s	NV-TEGRA250	H10.1WXGA w/TP
A500	IT	XE.H6LEN.002	A500_32s	NV-TEGRA250	H10.1WXGA w/TP
A500	MOYO	XE.H60EN.007	A500_16s	NV-TEGRA250	H10.1WXGA w/TP

Table 7-2. BOM Name, CPU & LCD1 (Continued)

Model	Country	P/N	BOM Name	CPU	LCD1
A500	MOYO	XE.H6LEN.006	A500_32s	NV-TEGRA250	H10.1WXGA w/TP
A500	MX	XE.H60PN.004	A500_16s	NV-TEGRA250	H10.1WXGA w/TP
A500	MX	XE.H6LPN.004	A500_32s	NV-TEGRA250	H10.1WXGA w/TP
A500	MY	XE.H60AN.003	A500_16s	NV-TEGRA250	H10.1WXGA w/TP
A500	MY	XE.H6LAN.002	A500_32s	NV-TEGRA250	H10.1WXGA w/TP
A500	PH	XE.H60AN.004	A500_16s	NV-TEGRA250	H10.1WXGA w/TP
A500	PH	XE.H6LAN.003	A500_32s	NV-TEGRA250	H10.1WXGA w/TP
A500	PL	XE.H60EN.009	A500_16s	NV-TEGRA250	H10.1WXGA w/TP
A500	PL	XE.H6LEN.011	A500_32s	NV-TEGRA250	H10.1WXGA w/TP
A500	RU	XE.H60EN.011	A500_16s	NV-TEGRA250	H10.1WXGA w/TP
A500	RU	XE.H6LEN.012	A500_32s	NV-TEGRA250	H10.1WXGA w/TP
A500	SG	XE.H60AN.005	A500_16s	NV-TEGRA250	H10.1WXGA w/TP
A500	SG	XE.H6LAN.004	A500_32s	NV-TEGRA250	H10.1WXGA w/TP
A500	TH	XE.H60AN.006	A500_16s	NV-TEGRA250	H10.1WXGA w/TP
A500	TH	XE.H6LAN.005	A500_32s	NV-TEGRA250	H10.1WXGA w/TP
A500	TR	XE.H60EN.012	A500_16s	NV-TEGRA250	H10.1WXGA w/TP
A500	TR	XE.H6LEN.009	A500_32s	NV-TEGRA250	H10.1WXGA w/TP
A500	UK	XE.H60EN.010	A500_16s	NV-TEGRA250	H10.1WXGA w/TP
A500	UK	XE.H6LEN.005	A500_32s	NV-TEGRA250	H10.1WXGA w/TP
A500	US	XE.H60PN.002	A500_16s	NV-TEGRA250	H10.1WXGA w/TP
A500	US	XE.H6LPN.001	A500_32s	NV-TEGRA250	H10.1WXGA w/TP
A500	VN	XE.H60AN.007	A500_16s	NV-TEGRA250	H10.1WXGA w/TP
A500	VN	XE.H6LAN.006	A500_32s	NV-TEGRA250	H10.1WXGA w/TP
A500	West EU-1	XE.H60EN.001	A500_16s	NV-TEGRA250	H10.1WXGA w/TP
A500	West EU-1	XE.H60EN.002	A500_16s	NV-TEGRA250	H10.1WXGA w/TP
A500	West EU-1	XE.H60EN.004	A500_16s	NV-TEGRA250	H10.1WXGA w/TP
A500	West EU-1	XE.H6LEN.001	A500_32s	NV-TEGRA250	H10.1WXGA w/TP
A500	West EU-1	XE.H6LEN.003	A500_32s	NV-TEGRA250	H10.1WXGA w/TP
A500	West EU-1	XE.H6LEN.004	A500_32s	NV-TEGRA250	H10.1WXGA w/TP
A500	ZA	XE.H60EN.005	A500_16s	NV-TEGRA250	H10.1WXGA w/TP
A500	ZA	XE.H6LEN.008	A500_32s	NV-TEGRA250	H10.1WXGA w/TP

Table 7-3. Memory1, Communication & Front Camera

Model	Country	P/N	Memory1	Communication	Front Camera
A500	AU/NZ	XE.H60AN.010	eMMC16GB	WiFi	Camera Module
A500	AU/NZ	XE.H60AN.012	eMMC16GB	WiFi	Camera Module
A500	AU/NZ	XE.H6LAN.010	eMMC32GB	WiFi	Camera Module
A500	BE	XE.H60EN.006	eMMC16GB	WiFi	Camera Module
A500	BE	XE.H6LEN.007	eMMC32GB	WiFi	Camera Module
A500	CA	XE.H60PN.003	eMMC16GB	WiFi	Camera Module
A500	CA	XE.H6LPN.003	eMMC32GB	WiFi	Camera Module
A500	ES	XE.H60PN.005	eMMC16GB	WiFi	Camera Module
A500	ES	XE.H6LPN.005	eMMC32GB	WiFi	Camera Module
A500	GCTWN	XE.H60TN.001	eMMC16GB	WiFi	Camera Module
A500	GCTWN	XE.H6LTN.001	eMMC32GB	WiFi	Camera Module
A500	HK	XE.H60CN.001	eMMC16GB	WiFi	Camera Module
A500	HK	XE.H6LCN.001	eMMC32GB	WiFi	Camera Module
A500	ID	XE.H60AN.002	eMMC16GB	WiFi	Camera Module
A500	ID	XE.H6LAN.001	eMMC32GB	WiFi	Camera Module
A500	IN	XE.H60AN.001	eMMC16GB	WiFi	Camera Module
A500	IN	XE.H6LAN.007	eMMC32GB	WiFi	Camera Module
A500	IT	XE.H60EN.003	eMMC16GB	WiFi	Camera Module
A500	IT	XE.H6LEN.002	eMMC32GB	WiFi	Camera Module
A500	MOYO	XE.H60EN.007	eMMC16GB	WiFi	Camera Module
A500	MOYO	XE.H6LEN.006	eMMC32GB	WiFi	Camera Module
A500	MX	XE.H60PN.004	eMMC16GB	WiFi	Camera Module
A500	MX	XE.H6LPN.004	eMMC32GB	WiFi	Camera Module
A500	MY	XE.H60AN.003	eMMC16GB	WiFi	Camera Module
A500	MY	XE.H6LAN.002	eMMC32GB	WiFi	Camera Module
A500	PH	XE.H60AN.004	eMMC16GB	WiFi	Camera Module
A500	PH	XE.H6LAN.003	eMMC32GB	WiFi	Camera Module
A500	PL	XE.H60EN.009	eMMC16GB	WiFi	Camera Module
A500	PL	XE.H6LEN.011	eMMC32GB	WiFi	Camera Module
A500	RU	XE.H60EN.011	eMMC16GB	WiFi	Camera Module
A500	RU	XE.H6LEN.012	eMMC32GB	WiFi	Camera Module
A500	SG	XE.H60AN.005	eMMC16GB	WiFi	Camera Module

Table 7-3. Memory1, Communication & Front Camera (Continued)

Model	Country	P/N	Memory1	Communication	Front Camera
A500	SG	XE.H6LAN.004	eMMC32GB	WiFi	Camera Module
A500	TH	XE.H60AN.006	eMMC16GB	WiFi	Camera Module
A500	TH	XE.H6LAN.005	eMMC32GB	WiFi	Camera Module
A500	TR	XE.H60EN.012	eMMC16GB	WiFi	Camera Module
A500	TR	XE.H6LEN.009	eMMC32GB	WiFi	Camera Module
A500	UK	XE.H60EN.010	eMMC16GB	WiFi	Camera Module
A500	UK	XE.H6LEN.005	eMMC32GB	WiFi	Camera Module
A500	US	XE.H60PN.002	eMMC16GB	WiFi	Camera Module
A500	US	XE.H6LPN.001	eMMC32GB	WiFi	Camera Module
A500	VN	XE.H60AN.007	eMMC16GB	WiFi	Camera Module
A500	VN	XE.H6LAN.006	eMMC32GB	WiFi	Camera Module
A500	West EU-1	XE.H60EN.001	eMMC16GB	WiFi	Camera Module
A500	West EU-1	XE.H60EN.002	eMMC16GB	WiFi	Camera Module
A500	West EU-1	XE.H60EN.004	eMMC16GB	WiFi	Camera Module
A500	West EU-1	XE.H6LEN.001	eMMC32GB	WiFi	Camera Module
A500	West EU-1	XE.H6LEN.003	eMMC32GB	WiFi	Camera Module
A500	West EU-1	XE.H6LEN.004	eMMC32GB	WiFi	Camera Module
A500	ZA	XE.H60EN.005	eMMC16GB	WiFi	Camera Module
A500	ZA	XE.H6LEN.008	eMMC32GB	WiFi	Camera Module

Table 7-4. Main Camera1, Battery & Adapter

Model	Country	P/N	Main Camera1	Battery	Adapter
A500	AU/NZ	XE.H60AN.010	Camera Module	2CELL3.26	18W
A500	AU/NZ	XE.H60AN.012	Camera Module	2CELL3.26	18W
A500	AU/NZ	XE.H6LAN.010	Camera Module	2CELL3.26	18W
A500	BE	XE.H60EN.006	Camera Module	2CELL3.26	18W
A500	BE	XE.H6LEN.007	Camera Module	2CELL3.26	18W
A500	CA	XE.H60PN.003	Camera Module	2CELL3.26	18W
A500	CA	XE.H6LPN.003	Camera Module	2CELL3.26	18W
A500	ES	XE.H60PN.005	Camera Module	2CELL3.26	18W
A500	ES	XE.H6LPN.005	Camera Module	2CELL3.26	18W
A500	GCTWN	XE.H60TN.001	Camera Module	2CELL3.26	18W

Table 7-4. Main Camera1, Battery & Adapter (Continued)

Model	Country	P/N	Main Camera1	Battery	Adapter
A500	GCTWN	XE.H6LTN.001	Camera Module	2CELL3.26	18W
A500	HK	XE.H60CN.001	Camera Module	2CELL3.26	18W
A500	HK	XE.H6LCN.001	Camera Module	2CELL3.26	18W
A500	ID	XE.H60AN.002	Camera Module	2CELL3.26	18W
A500	ID	XE.H6LAN.001	Camera Module	2CELL3.26	18W
A500	IN	XE.H60AN.001	Camera Module	2CELL3.26	18W
A500	IN	XE.H6LAN.007	Camera Module	2CELL3.26	18W
A500	IT	XE.H60EN.003	Camera Module	2CELL3.26	18W
A500	IT	XE.H6LEN.002	Camera Module	2CELL3.26	18W
A500	MOYO	XE.H60EN.007	Camera Module	2CELL3.26	18W
A500	MOYO	XE.H6LEN.006	Camera Module	2CELL3.26	18W
A500	MX	XE.H60PN.004	Camera Module	2CELL3.26	18W
A500	MX	XE.H6LPN.004	Camera Module	2CELL3.26	18W
A500	MY	XE.H60AN.003	Camera Module	2CELL3.26	18W
A500	MY	XE.H6LAN.002	Camera Module	2CELL3.26	18W
A500	PH	XE.H60AN.004	Camera Module	2CELL3.26	18W
A500	PH	XE.H6LAN.003	Camera Module	2CELL3.26	18W
A500	PL	XE.H60EN.009	Camera Module	2CELL3.26	18W
A500	PL	XE.H6LEN.011	Camera Module	2CELL3.26	18W
A500	RU	XE.H60EN.011	Camera Module	2CELL3.26	18W
A500	RU	XE.H6LEN.012	Camera Module	2CELL3.26	18W
A500	SG	XE.H60AN.005	Camera Module	2CELL3.26	18W
A500	SG	XE.H6LAN.004	Camera Module	2CELL3.26	18W
A500	TH	XE.H60AN.006	Camera Module	2CELL3.26	18W
A500	TH	XE.H6LAN.005	Camera Module	2CELL3.26	18W
A500	TR	XE.H60EN.012	Camera Module	2CELL3.26	18W
A500	TR	XE.H6LEN.009	Camera Module	2CELL3.26	18W
A500	UK	XE.H60EN.010	Camera Module	2CELL3.26	18W
A500	UK	XE.H6LEN.005	Camera Module	2CELL3.26	18W
A500	US	XE.H60PN.002	Camera Module	2CELL3.26	18W
A500	US	XE.H6LPN.001	Camera Module	2CELL3.26	18W
A500	VN	XE.H60AN.007	Camera Module	2CELL3.26	18W
A500	VN	XE.H6LAN.006	Camera Module	2CELL3.26	18W

Table 7-4. Main Camera1, Battery & Adapter (Continued)

Model	Country	P/N	Main Camera1	Battery	Adapter
A500	West EU-1	XE.H60EN.001	Camera Module	2CELL3.26	18W
A500	West EU-1	XE.H60EN.002	Camera Module	2CELL3.26	18W
A500	West EU-1	XE.H60EN.004	Camera Module	2CELL3.26	18W
A500	West EU-1	XE.H6LEN.001	Camera Module	2CELL3.26	18W
A500	West EU-1	XE.H6LEN.003	Camera Module	2CELL3.26	18W
A500	West EU-1	XE.H6LEN.004	Camera Module	2CELL3.26	18W
A500	ZA	XE.H60EN.005	Camera Module	2CELL3.26	18W
A500	ZA	XE.H6LEN.008	Camera Module	2CELL3.26	18W

A501

Table 7-5. RO & Description

Model	Country	P/N	RO	Description
A501	AU/NZ	XE.H6MAN.008	AAP	A501 Tablet 900 AAP_GEN4 AndroidAU-Tab-1 AU- Silver EM770W_16G N N
A501	AU/NZ	XE.H6NAN.008	AAP	A501 Tablet 900 AAP_GEN4 AndroidAU-Tab-1 AU- Silver EM770W_32G N N
A501	AU/NZ	XE.H6PAN.005	AAP	A501 Tablet 3G AAP_GEN4 AndroidAU-Tab-1 AU- Silver F5521gw_16G N N
A501	AU/NZ	XE.H6QAN.005	AAP	A501 Tablet 3G AAP_GEN4 AndroidAU-Tab-1 AU- Silver F5521gw_32G N N
A501	BE	XE.H6MEN.006	EMEA	A501 Tablet EMEA_CUS3 AndroidBE-5 EU- Silver EM770W_16G
A501	BE	XE.H6NEN.005	EMEA	A501 Tablet EMEA_CUS3 AndroidBE-5 EU- Silver EM770W_32G
A501	BE	XE.H6PEN.011	EMEA	A501 Tablet EMEA_CUS3 AndroidBE-5 EU- Silver F5521gw_16G
A501	BE	XE.H6QEN.005	EMEA	A501 Tablet EMEA_CUS3 AndroidBE-5 EU- Silver F5521gw_32G
A501	CA	XE.H6PPN.002	PA	A501 Tablet 3G EMEA_GEN1 AndroidCA-Tab-1 US- Silver F5521gw_16G N N
A501	CA	XE.H6QPN.002	PA	A501 Tablet 3G EMEA_GEN1 AndroidCA-Tab-1 US- Silver F5521gw_32G N N
A501	GCTWN	XE.H6MTN.001	TWN	A501 Tablet 900 AAP_GEN4TW AndroidTW-Tab-1 US- Silver EM770W_16G N N
A501	GCTWN	XE.H6NTN.001	TWN	A501 Tablet 900 AAP_GEN4TW AndroidTW-Tab-1 US- Silver EM770W_32G N N
A501	HK	XE.H6MCN.001	CHINA	A501 Tablet 900 AAP_GEN4TW AndroidHK-Tab-1 UK- Silver EM770W_16G N N
A501	HK	XE.H6NCN.001	CHINA	A501 Tablet 900 AAP_GEN4TW AndroidHK-Tab-1 UK- Silver EM770W_32G N N

Table 7-5. RO & Description (Continued)

Model	Country	P/N	RO	Description
A501	ID	XE.H6MAN.002	AAP	A501 Tablet 900 AAP_GEN4 AndroidID-Tab-1 EU- Silver EM770W_16G N N
A501	ID	XE.H6NAN.002	AAP	A501 Tablet 900 AAP_GEN4 AndroidID-Tab-1 EU- Silver EM770W_32G N N
A501	IN	XE.H6MAN.001	AAP	A501 Tablet 900 AAP_GEN4 AndroidIN-Tab-1 EU- Silver EM770W_16G N N
A501	IN	XE.H6NAN.001	AAP	A501 Tablet 900 AAP_GEN4 AndroidIN-Tab-1 EU- Silver EM770W_32G N N
A501	IT	XE.H6MEN.001	EMEA	A501 Tablet EMEA_GEN1 AndroidIT-6 EU- Silver EM770W_16G
A501	IT	XE.H6NEN.002	EMEA	A501 Tablet EMEA_GEN1 AndroidIT-6 EU- Silver EM770W_32G
A501	IT	XE.H6PEN.001	EMEA	A501 Tablet EMEA_GEN1 AndroidIT-6 EU- Silver F5521gw_16G
A501	IT	XE.H6QEN.003	EMEA	A501 Tablet EMEA_GEN1 AndroidIT-6 EU- Silver F5521gw_32G
A501	MOYO	XE.H6MEN.010	EMEA	A501 Tablet EMEA_GEN5 AndroidME-6 EU- Silver EM770W_16G
A501	MOYO	XE.H6NEN.012	EMEA	A501 Tablet EMEA_GEN5 AndroidME-6 EU- Silver EM770W_32G
A501	MOYO	XE.H6PEN.010	EMEA	A501 Tablet EMEA_GEN5 AndroidME-6 EU- Silver F5521gw_16G
A501	MOYO	XE.H6QEN.010	EMEA	A501 Tablet EMEA_GEN5 AndroidME-6 EU- Silver F5521gw_32G
A501	MY	XE.H6MAN.003	AAP	A501 Tablet 900 AAP_GEN4 AndroidMY-Tab-1 UK- Silver EM770W_16G N N
A501	MY	XE.H6NAN.003	AAP	A501 Tablet 900 AAP_GEN4 AndroidMY-Tab-1 UK- Silver EM770W_32G N N
A501	MY	XE.H6PAN.001	AAP	A501 Tablet 3G AAP_GEN4 AndroidMY-Tab-1 UK- Silver F5521gw_16G N N
A501	MY	XE.H6QAN.001	AAP	A501 Tablet 3G AAP_GEN4 AndroidMY-Tab-1 UK- Silver F5521gw_32G N N

Table 7-5. RO & Description (Continued)

Model	Country	P/N	RO	Description
A501	PH	XE.H6MAN.004	AAP	A501 Tablet 900 AAP_GEN4 AndroidPH-Tab-1 US- Silver EM770W_16G N N
A501	PH	XE.H6NAN.004	AAP	A501 Tablet 900 AAP_GEN4 AndroidPH-Tab-1 US- Silver EM770W_32G N N
A501	PL	XE.H6MEN.012	EMEA	A501 Tablet EMEA_GEN6 AndroidPL EU- Silver EM770W_16G
A501	PL	XE.H6NEN.011	EMEA	A501 Tablet EMEA_GEN6 AndroidPL EU- Silver EM770W_32G
A501	PL	XE.H6PEN.006	EMEA	A501 Tablet EMEA_GEN6 AndroidPL EU- Silver F5521gw_16G
A501	PL	XE.H6QEN.012	EMEA	A501 Tablet EMEA_GEN6 AndroidPL EU- Silver F5521gw_32G
A501	RU	XE.H6MEN.008	EMEA	A501 Tablet EMEA_GEN3 AndroidRU-8 EU- Silver EM770W_16G
A501	RU	XE.H6NEN.007	EMEA	A501 Tablet EMEA_GEN3 AndroidRU-8 EU- Silver EM770W_32G
A501	RU	XE.H6PEN.007	EMEA	A501 Tablet EMEA_GEN3 AndroidRU-8 EU- Silver F5521gw_16G
A501	RU	XE.H6QEN.007	EMEA	A501 Tablet EMEA_GEN3 AndroidRU-8 EU- Silver F5521gw_32G
A501	SG	XE.H6MAN.005	AAP	A501 Tablet 900 AAP_GEN4 AndroidSG-Tab-1 UK- Silver EM770W_16G N N
A501	SG	XE.H6NAN.005	AAP	A501 Tablet 900 AAP_GEN4 AndroidSG-Tab-1 UK- Silver EM770W_32G N N
A501	SG	XE.H6PAN.002	AAP	A501 Tablet 3G AAP_GEN4 AndroidSG-Tab-1 UK- Silver F5521gw_16G N N
A501	SG	XE.H6QAN.002	AAP	A501 Tablet 3G AAP_GEN4 AndroidSG-Tab-1 UK- Silver F5521gw_32G N N
A501	TH	XE.H6MAN.006	AAP	A501 Tablet 900 AAP_GEN4 AndroidTH-Tab-1 EU- Silver EM770W_16G N N
A501	TH	XE.H6NAN.006	AAP	A501 Tablet 900 AAP_GEN4 AndroidTH-Tab-1 EU- Silver EM770W_32G N N
A501	TR	XE.H6MEN.009	EMEA	A501 Tablet EMEA_CUS5TR AndroidTR-4 EU- Silver EM770W_16G

Table 7-5. RO & Description (Continued)

Model	Country	P/N	RO	Description
A501	TR	XE.H6NEN.009	EMEA	A501 Tablet EMEA_CUS5TR AndroidTR-4 EU- Silver EM770W_32G
A501	TR	XE.H6PEN.009	EMEA	A501 Tablet EMEA_CUS5TR AndroidTR-4 EU- Silver F5521gw_16G
A501	TR	XE.H6QEN.009	EMEA	A501 Tablet EMEA_CUS5TR AndroidTR-4 EU- Silver F5521gw_32G
A501	UK	XE.H6MEN.007	EMEA	A501 Tablet EMEA_GEN1 AndroidGB-5 UK-Silver EM770W_16G
A501	UK	XE.H6NEN.006	EMEA	A501 Tablet EMEA_GEN1 AndroidGB-5 UK-Silver EM770W_32G
A501	UK	XE.H6PEN.012	EMEA	A501 Tablet EMEA_GEN1 AndroidGB-5 UK-Silver F5521gw_16G
A501	UK	XE.H6QEN.006	EMEA	A501 Tablet EMEA_GEN1 AndroidGB-5 UK-Silver F5521gw_32G
A501	US	XE.H6PPN.003	PA	A501 Tablet 3G PA_ATT AndroidUS-ATT-Tab-1 US- Silver F5521gw_16G N N
A501	US	XE.H6QPN.003	PA	A501 Tablet 3G PA_ATT AndroidUS-ATT-Tab-1 US- Silver F5521gw_32G N N
A501	VN	XE.H6MAN.007	AAP	A501 Tablet 900 AAP_GEN4 AndroidVN-Tab-1 EU- Silver EM770W_16G N N
A501	VN	XE.H6NAN.007	AAP	A501 Tablet 900 AAP_GEN4 AndroidVN-Tab-1 EU- Silver EM770W_32G N N
A501	West EU-1	XE.H6MEN.002	EMEA	A501 Tablet EMEA_GEN1 AndroidWEU3 EU- Silver EM770W_16G
A501	West EU-1	XE.H6MEN.003	EMEA	A501 Tablet EMEA_GEN3 AndroidWEU4 EU- Silver EM770W_16G
A501	West EU-1	XE.H6MEN.004	EMEA	A501 Tablet EMEA_GEN3 AndroidWEU5 EU- Silver EM770W_16G
A501	West EU-1	XE.H6NEN.001	EMEA	A501 Tablet EMEA_GEN1 AndroidWEU3 EU- Silver EM770W_32G
A501	West EU-1	XE.H6NEN.003	EMEA	A501 Tablet EMEA_GEN3 AndroidWEU4 EU- Silver EM770W_32G
A501	West EU-1	XE.H6NEN.004	EMEA	A501 Tablet EMEA_GEN3 AndroidWEU5 EU- Silver EM770W_32G
A501	West EU-1	XE.H6PEN.002	EMEA	A501 Tablet EMEA_GEN1 AndroidWEU3 EU- Silver F5521gw_16G

Table 7-5. RO & Description (Continued)

Model	Country	P/N	RO	Description
A501	West EU-1	XE.H6PEN.003	EMEA	A501 Tablet EMEA_GEN3 AndroidWEU4 EU- Silver F5521gw_16G
A501	West EU-1	XE.H6PEN.004	EMEA	A501 Tablet EMEA_GEN3 AndroidWEU5 EU- Silver F5521gw_16G
A501	West EU-1	XE.H6QEN.001	EMEA	A501 Tablet EMEA_GEN3 AndroidWEU5 EU- Silver F5521gw_32G
A501	West EU-1	XE.H6QEN.002	EMEA	A501 Tablet EMEA_GEN1 AndroidWEU3 EU- Silver F5521gw_32G
A501	West EU-1	XE.H6QEN.004	EMEA	A501 Tablet EMEA_GEN3 AndroidWEU4 EU- Silver F5521gw_32G
A501	ZA	XE.H6MEN.005	EMEA	A501 Tablet EMEA_GEN3 AndroidZA-5 EU-Silver EM770W_16G
A501	ZA	XE.H6NEN.008	EMEA	A501 Tablet EMEA_GEN3 AndroidZA-5 EU-Silver EM770W_32G
A501	ZA	XE.H6PEN.008	EMEA	A501 Tablet EMEA_GEN3 AndroidZA-5 EU-Silver F5521gw_16G
A501	ZA	XE.H6QEN.008	EMEA	A501 Tablet EMEA_GEN3 AndroidZA-5 EU-Silver F5521gw_32G

Table 7-6. BOM Name & CPU

Model	Country	P/N	BOM Name	CPU
A501	AU/NZ	XE.H6MAN.008	A501_16s900770W	NV-TEGRA250
A501	AU/NZ	XE.H6NAN.008	A501_32s900770W	NV-TEGRA250
A501	AU/NZ	XE.H6PAN.005	A501_16s3G5521GW	NV-TEGRA250
A501	AU/NZ	XE.H6QAN.005	A501_32s3G5521GW	NV-TEGRA250
A501	BE	XE.H6MEN.006	A501_16s900770W	NV-TEGRA250
A501	BE	XE.H6NEN.005	A501_32s900770W	NV-TEGRA250
A501	BE	XE.H6PEN.011	A501_16s3G5521GW	NV-TEGRA250
A501	BE	XE.H6QEN.005	A501_32s3G5521GW	NV-TEGRA250
A501	CA	XE.H6PPN.002	A501_16s3G5521GW	NV-TEGRA250
A501	CA	XE.H6QPN.002	A501_32s3G5521GW	NV-TEGRA250
A501	GCTWN	XE.H6MTN.001	A501_16s900770W	NV-TEGRA250
A501	GCTWN	XE.H6NTN.001	A501_32s900770W	NV-TEGRA250
A501	HK	XE.H6MCN.001	A501_16s900770W	NV-TEGRA250
A501	HK	XE.H6NCN.001	A501_32s900770W	NV-TEGRA250
A501	ID	XE.H6MAN.002	A501_16s900770W	NV-TEGRA250

Table 7-6. BOM Name & CPU (Continued)

Model	Country	P/N	BOM Name	CPU
A501	ID	XE.H6NAN.002	A501_32s900770W	NV-TEGRA250
A501	IN	XE.H6MAN.001	A501_16s900770W	NV-TEGRA250
A501	IN	XE.H6NAN.001	A501_32s900770W	NV-TEGRA250
A501	IT	XE.H6MEN.001	A501_16s900770W	NV-TEGRA250
A501	IT	XE.H6NEN.002	A501_32s900770W	NV-TEGRA250
A501	IT	XE.H6PEN.001	A501_16s3G5521GW	NV-TEGRA250
A501	IT	XE.H6QEN.003	A501_32s3G5521GW	NV-TEGRA250
A501	MOYO	XE.H6MEN.010	A501_16s900770W	NV-TEGRA250
A501	MOYO	XE.H6NEN.012	A501_32s900770W	NV-TEGRA250
A501	MOYO	XE.H6PEN.010	A501_16s3G5521GW	NV-TEGRA250
A501	MOYO	XE.H6QEN.010	A501_32s3G5521GW	NV-TEGRA250
A501	MY	XE.H6MAN.003	A501_16s900770W	NV-TEGRA250
A501	MY	XE.H6NAN.003	A501_32s900770W	NV-TEGRA250
A501	MY	XE.H6PAN.001	A501_16s3G5521GW	NV-TEGRA250
A501	MY	XE.H6QAN.001	A501_32s3G5521GW	NV-TEGRA250
A501	PH	XE.H6MAN.004	A501_16s900770W	NV-TEGRA250
A501	PH	XE.H6NAN.004	A501_32s900770W	NV-TEGRA250
A501	PL	XE.H6MEN.012	A501_16s900770W	NV-TEGRA250
A501	PL	XE.H6NEN.011	A501_32s900770W	NV-TEGRA250
A501	PL	XE.H6PEN.006	A501_16s3G5521GW	NV-TEGRA250
A501	PL	XE.H6QEN.012	A501_32s3G5521GW	NV-TEGRA250
A501	RU	XE.H6MEN.008	A501_16s900770W	NV-TEGRA250
A501	RU	XE.H6NEN.007	A501_32s900770W	NV-TEGRA250
A501	RU	XE.H6PEN.007	A501_16s3G5521GW	NV-TEGRA250
A501	RU	XE.H6QEN.007	A501_32s3G5521GW	NV-TEGRA250
A501	SG	XE.H6MAN.005	A501_16s900770W	NV-TEGRA250
A501	SG	XE.H6NAN.005	A501_32s900770W	NV-TEGRA250
A501	SG	XE.H6PAN.002	A501_16s3G5521GW	NV-TEGRA250
A501	SG	XE.H6QAN.002	A501_32s3G5521GW	NV-TEGRA250
A501	TH	XE.H6MAN.006	A501_16s900770W	NV-TEGRA250
A501	TH	XE.H6NAN.006	A501_32s900770W	NV-TEGRA250
A501	TR	XE.H6MEN.009	A501_16s900770W	NV-TEGRA250
A501	TR	XE.H6NEN.009	A501_32s900770W	NV-TEGRA250

Table 7-6. BOM Name & CPU (Continued)

Model	Country	P/N	BOM Name	CPU
A501	TR	XE.H6PEN.009	A501_16s3G5521GW	NV-TEGRA250
A501	TR	XE.H6QEN.009	A501_32s3G5521GW	NV-TEGRA250
A501	UK	XE.H6MEN.007	A501_16s900770W	NV-TEGRA250
A501	UK	XE.H6NEN.006	A501_32s900770W	NV-TEGRA250
A501	UK	XE.H6PEN.012	A501_16s3G5521GW	NV-TEGRA250
A501	UK	XE.H6QEN.006	A501_32s3G5521GW	NV-TEGRA250
A501	US	XE.H6PPN.003	A501_16s3G5521GW	NV-TEGRA250
A501	US	XE.H6QPN.003	A501_32s3G5521GW	NV-TEGRA250
A501	VN	XE.H6MAN.007	A501_16s900770W	NV-TEGRA250
A501	VN	XE.H6NAN.007	A501_32s900770W	NV-TEGRA250
A501	West EU-1	XE.H6MEN.002	A501_16s900770W	NV-TEGRA250
A501	West EU-1	XE.H6MEN.003	A501_16s900770W	NV-TEGRA250
A501	West EU-1	XE.H6MEN.004	A501_16s900770W	NV-TEGRA250
A501	West EU-1	XE.H6NEN.001	A501_32s900770W	NV-TEGRA250
A501	West EU-1	XE.H6NEN.003	A501_32s900770W	NV-TEGRA250
A501	West EU-1	XE.H6NEN.004	A501_32s900770W	NV-TEGRA250
A501	West EU-1	XE.H6PEN.002	A501_16s3G5521GW	NV-TEGRA250
A501	West EU-1	XE.H6PEN.003	A501_16s3G5521GW	NV-TEGRA250
A501	West EU-1	XE.H6PEN.004	A501_16s3G5521GW	NV-TEGRA250
A501	West EU-1	XE.H6QEN.001	A501_32s3G5521GW	NV-TEGRA250
A501	West EU-1	XE.H6QEN.002	A501_32s3G5521GW	NV-TEGRA250
A501	West EU-1	XE.H6QEN.004	A501_32s3G5521GW	NV-TEGRA250
A501	ZA	XE.H6MEN.005	A501_16s900770W	NV-TEGRA250
A501	ZA	XE.H6NEN.008	A501_32s900770W	NV-TEGRA250
A501	ZA	XE.H6PEN.008	A501_16s3G5521GW	NV-TEGRA250
A501	ZA	XE.H6QEN.008	A501_32s3G5521GW	NV-TEGRA250

Table 7-7. LCD1, Memory1 & Communication

Model	Country	P/N	LCD1	Memory1	Communication
A501	AU/NZ	XE.H6MAN.008	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	AU/NZ	XE.H6NAN.008	H10.1WXGA w/TP	eMMC32GB	HSUPA
A501	AU/NZ	XE.H6PAN.005	H10.1WXGA w/TP	eMMC16GB	HSUPA

Table 7-7. LCD1, Memory1 & Communication (Continued)

Model	Country	P/N	LCD1	Memory1	Communication
A501	AU/NZ	XE.H6QAN.005	H10.1WXGA w/TP	eMMC32GB	HSUPA
A501	BE	XE.H6MEN.006	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	BE	XE.H6NEN.005	H10.1WXGA w/TP	eMMC32GB	HSUPA
A501	BE	XE.H6PEN.011	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	BE	XE.H6QEN.005	H10.1WXGA w/TP	eMMC32GB	HSUPA
A501	CA	XE.H6PPN.002	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	CA	XE.H6QPN.002	H10.1WXGA w/TP	eMMC32GB	HSUPA
A501	GCTWN	XE.H6MTN.001	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	GCTWN	XE.H6NTN.001	H10.1WXGA w/TP	eMMC32GB	HSUPA
A501	HK	XE.H6MCN.001	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	HK	XE.H6NCN.001	H10.1WXGA w/TP	eMMC32GB	HSUPA
A501	ID	XE.H6MAN.002	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	ID	XE.H6NAN.002	H10.1WXGA w/TP	eMMC32GB	HSUPA
A501	IN	XE.H6MAN.001	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	IN	XE.H6NAN.001	H10.1WXGA w/TP	eMMC32GB	HSUPA
A501	IT	XE.H6MEN.001	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	IT	XE.H6NEN.002	H10.1WXGA w/TP	eMMC32GB	HSUPA
A501	IT	XE.H6PEN.001	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	IT	XE.H6QEN.003	H10.1WXGA w/TP	eMMC32GB	HSUPA
A501	MOYO	XE.H6MEN.010	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	MOYO	XE.H6NEN.012	H10.1WXGA w/TP	eMMC32GB	HSUPA
A501	MOYO	XE.H6PEN.010	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	MOYO	XE.H6QEN.010	H10.1WXGA w/TP	eMMC32GB	HSUPA
A501	MY	XE.H6MAN.003	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	MY	XE.H6NAN.003	H10.1WXGA w/TP	eMMC32GB	HSUPA
A501	MY	XE.H6PAN.001	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	MY	XE.H6QAN.001	H10.1WXGA w/TP	eMMC32GB	HSUPA
A501	PH	XE.H6MAN.004	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	PH	XE.H6NAN.004	H10.1WXGA w/TP	eMMC32GB	HSUPA
A501	PL	XE.H6MEN.012	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	PL	XE.H6NEN.011	H10.1WXGA w/TP	eMMC32GB	HSUPA
A501	PL	XE.H6PEN.006	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	PL	XE.H6QEN.012	H10.1WXGA w/TP	eMMC32GB	HSUPA

Table 7-7. LCD1, Memory1 & Communication (Continued)

Model	Country	P/N	LCD1	Memory1	Communication
A501	RU	XE.H6MEN.008	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	RU	XE.H6NEN.007	H10.1WXGA w/TP	eMMC32GB	HSUPA
A501	RU	XE.H6PEN.007	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	RU	XE.H6QEN.007	H10.1WXGA w/TP	eMMC32GB	HSUPA
A501	SG	XE.H6MAN.005	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	SG	XE.H6NAN.005	H10.1WXGA w/TP	eMMC32GB	HSUPA
A501	SG	XE.H6PAN.002	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	SG	XE.H6QAN.002	H10.1WXGA w/TP	eMMC32GB	HSUPA
A501	TH	XE.H6MAN.006	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	TH	XE.H6NAN.006	H10.1WXGA w/TP	eMMC32GB	HSUPA
A501	TR	XE.H6MEN.009	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	TR	XE.H6NEN.009	H10.1WXGA w/TP	eMMC32GB	HSUPA
A501	TR	XE.H6PEN.009	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	TR	XE.H6QEN.009	H10.1WXGA w/TP	eMMC32GB	HSUPA
A501	UK	XE.H6MEN.007	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	UK	XE.H6NEN.006	H10.1WXGA w/TP	eMMC32GB	HSUPA
A501	UK	XE.H6PEN.012	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	UK	XE.H6QEN.006	H10.1WXGA w/TP	eMMC32GB	HSUPA
A501	US	XE.H6PPN.003	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	US	XE.H6QPN.003	H10.1WXGA w/TP	eMMC32GB	HSUPA
A501	VN	XE.H6MAN.007	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	VN	XE.H6NAN.007	H10.1WXGA w/TP	eMMC32GB	HSUPA
A501	West EU-1	XE.H6MEN.002	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	West EU-1	XE.H6MEN.003	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	West EU-1	XE.H6MEN.004	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	West EU-1	XE.H6NEN.001	H10.1WXGA w/TP	eMMC32GB	HSUPA
A501	West EU-1	XE.H6NEN.003	H10.1WXGA w/TP	eMMC32GB	HSUPA
A501	West EU-1	XE.H6NEN.004	H10.1WXGA w/TP	eMMC32GB	HSUPA
A501	West EU-1	XE.H6PEN.002	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	West EU-1	XE.H6PEN.003	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	West EU-1	XE.H6PEN.004	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	West EU-1	XE.H6QEN.001	H10.1WXGA w/TP	eMMC32GB	HSUPA
A501	West EU-1	XE.H6QEN.002	H10.1WXGA w/TP	eMMC32GB	HSUPA

Table 7-7. LCD1, Memory1 & Communication (Continued)

Model	Country	P/N	LCD1	Memory1	Communication
A501	West EU-1	XE.H6QEN.004	H10.1WXGA w/TP	eMMC32GB	HSUPA
A501	ZA	XE.H6MEN.005	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	ZA	XE.H6NEN.008	H10.1WXGA w/TP	eMMC32GB	HSUPA
A501	ZA	XE.H6PEN.008	H10.1WXGA w/TP	eMMC16GB	HSUPA
A501	ZA	XE.H6QEN.008	H10.1WXGA w/TP	eMMC32GB	HSUPA

Table 7-8. Front Camera & Main Camera1

Model	Country	P/N	Front Camera	Main Camera1
A501	AU/NZ	XE.H6MAN.008	Camera Module	Camera Module
A501	AU/NZ	XE.H6NAN.008	Camera Module	Camera Module
A501	AU/NZ	XE.H6PAN.005	Camera Module	Camera Module
A501	AU/NZ	XE.H6QAN.005	Camera Module	Camera Module
A501	BE	XE.H6MEN.006	Camera Module	Camera Module
A501	BE	XE.H6NEN.005	Camera Module	Camera Module
A501	BE	XE.H6PEN.011	Camera Module	Camera Module
A501	BE	XE.H6QEN.005	Camera Module	Camera Module
A501	CA	XE.H6PPN.002	Camera Module	Camera Module
A501	CA	XE.H6QPN.002	Camera Module	Camera Module
A501	GCTWN	XE.H6MTN.001	Camera Module	Camera Module
A501	GCTWN	XE.H6NTN.001	Camera Module	Camera Module
A501	HK	XE.H6MCN.001	Camera Module	Camera Module
A501	HK	XE.H6NCN.001	Camera Module	Camera Module
A501	ID	XE.H6MAN.002	Camera Module	Camera Module
A501	ID	XE.H6NAN.002	Camera Module	Camera Module
A501	IN	XE.H6MAN.001	Camera Module	Camera Module
A501	IN	XE.H6NAN.001	Camera Module	Camera Module
A501	IT	XE.H6MEN.001	Camera Module	Camera Module
A501	IT	XE.H6NEN.002	Camera Module	Camera Module
A501	IT	XE.H6PEN.001	Camera Module	Camera Module
A501	IT	XE.H6QEN.003	Camera Module	Camera Module
A501	MOYO	XE.H6MEN.010	Camera Module	Camera Module
A501	MOYO	XE.H6NEN.012	Camera Module	Camera Module

Table 7-8. Front Camera & Main Camera1 (Continued)

Model	Country	P/N	Front Camera	Main Camera1
A501	MOYO	XE.H6PEN.010	Camera Module	Camera Module
A501	MOYO	XE.H6QEN.010	Camera Module	Camera Module
A501	MY	XE.H6MAN.003	Camera Module	Camera Module
A501	MY	XE.H6NAN.003	Camera Module	Camera Module
A501	MY	XE.H6PAN.001	Camera Module	Camera Module
A501	MY	XE.H6QAN.001	Camera Module	Camera Module
A501	PH	XE.H6MAN.004	Camera Module	Camera Module
A501	PH	XE.H6NAN.004	Camera Module	Camera Module
A501	PL	XE.H6MEN.012	Camera Module	Camera Module
A501	PL	XE.H6NEN.011	Camera Module	Camera Module
A501	PL	XE.H6PEN.006	Camera Module	Camera Module
A501	PL	XE.H6QEN.012	Camera Module	Camera Module
A501	RU	XE.H6MEN.008	Camera Module	Camera Module
A501	RU	XE.H6NEN.007	Camera Module	Camera Module
A501	RU	XE.H6PEN.007	Camera Module	Camera Module
A501	RU	XE.H6QEN.007	Camera Module	Camera Module
A501	SG	XE.H6MAN.005	Camera Module	Camera Module
A501	SG	XE.H6NAN.005	Camera Module	Camera Module
A501	SG	XE.H6PAN.002	Camera Module	Camera Module
A501	SG	XE.H6QAN.002	Camera Module	Camera Module
A501	TH	XE.H6MAN.006	Camera Module	Camera Module
A501	TH	XE.H6NAN.006	Camera Module	Camera Module
A501	TR	XE.H6MEN.009	Camera Module	Camera Module
A501	TR	XE.H6NEN.009	Camera Module	Camera Module
A501	TR	XE.H6PEN.009	Camera Module	Camera Module
A501	TR	XE.H6QEN.009	Camera Module	Camera Module
A501	UK	XE.H6MEN.007	Camera Module	Camera Module
A501	UK	XE.H6NEN.006	Camera Module	Camera Module
A501	UK	XE.H6PEN.012	Camera Module	Camera Module
A501	UK	XE.H6QEN.006	Camera Module	Camera Module
A501	US	XE.H6PPN.003	Camera Module	Camera Module
A501	US	XE.H6QPN.003	Camera Module	Camera Module
A501	VN	XE.H6MAN.007	Camera Module	Camera Module

Table 7-8. Front Camera & Main Camera1 (Continued)

Model	Country	P/N	Front Camera	Main Camera1
A501	VN	XE.H6NAN.007	Camera Module	Camera Module
A501	West EU-1	XE.H6MEN.002	Camera Module	Camera Module
A501	West EU-1	XE.H6MEN.003	Camera Module	Camera Module
A501	West EU-1	XE.H6MEN.004	Camera Module	Camera Module
A501	West EU-1	XE.H6NEN.001	Camera Module	Camera Module
A501	West EU-1	XE.H6NEN.003	Camera Module	Camera Module
A501	West EU-1	XE.H6NEN.004	Camera Module	Camera Module
A501	West EU-1	XE.H6PEN.002	Camera Module	Camera Module
A501	West EU-1	XE.H6PEN.003	Camera Module	Camera Module
A501	West EU-1	XE.H6PEN.004	Camera Module	Camera Module
A501	West EU-1	XE.H6QEN.001	Camera Module	Camera Module
A501	West EU-1	XE.H6QEN.002	Camera Module	Camera Module
A501	West EU-1	XE.H6QEN.004	Camera Module	Camera Module
A501	ZA	XE.H6MEN.005	Camera Module	Camera Module
A501	ZA	XE.H6NEN.008	Camera Module	Camera Module
A501	ZA	XE.H6PEN.008	Camera Module	Camera Module
A501	ZA	XE.H6QEN.008	Camera Module	Camera Module

Table 7-9. Battery & Adapter

Model	Country	P/N	Battery	Adapter
A501	AU/NZ	XE.H6MAN.008	2CELL3.26	18W
A501	AU/NZ	XE.H6NAN.008	2CELL3.26	18W
A501	AU/NZ	XE.H6PAN.005	2CELL3.26	18W
A501	AU/NZ	XE.H6QAN.005	2CELL3.26	18W
A501	BE	XE.H6MEN.006	2CELL3.26	18W
A501	BE	XE.H6NEN.005	2CELL3.26	18W
A501	BE	XE.H6PEN.011	2CELL3.26	18W
A501	BE	XE.H6QEN.005	2CELL3.26	18W
A501	CA	XE.H6PPN.002	2CELL3.26	18W
A501	CA	XE.H6QPN.002	2CELL3.26	18W
A501	GCTWN	XE.H6MTN.001	2CELL3.26	18W
A501	GCTWN	XE.H6NTN.001	2CELL3.26	18W

Table 7-9. Battery & Adapter (Continued)

Model	Country	P/N	Battery	Adapter
A501	HK	XE.H6MCN.001	2CELL3.26	18W
A501	HK	XE.H6NCN.001	2CELL3.26	18W
A501	ID	XE.H6MAN.002	2CELL3.26	18W
A501	ID	XE.H6NAN.002	2CELL3.26	18W
A501	IN	XE.H6MAN.001	2CELL3.26	18W
A501	IN	XE.H6NAN.001	2CELL3.26	18W
A501	IT	XE.H6MEN.001	2CELL3.26	18W
A501	IT	XE.H6NEN.002	2CELL3.26	18W
A501	IT	XE.H6PEN.001	2CELL3.26	18W
A501	IT	XE.H6QEN.003	2CELL3.26	18W
A501	MOYO	XE.H6MEN.010	2CELL3.26	18W
A501	MOYO	XE.H6NEN.012	2CELL3.26	18W
A501	MOYO	XE.H6PEN.010	2CELL3.26	18W
A501	MOYO	XE.H6QEN.010	2CELL3.26	18W
A501	MY	XE.H6MAN.003	2CELL3.26	18W
A501	MY	XE.H6NAN.003	2CELL3.26	18W
A501	MY	XE.H6PAN.001	2CELL3.26	18W
A501	MY	XE.H6QAN.001	2CELL3.26	18W
A501	PH	XE.H6MAN.004	2CELL3.26	18W
A501	PH	XE.H6NAN.004	2CELL3.26	18W
A501	PL	XE.H6MEN.012	2CELL3.26	18W
A501	PL	XE.H6NEN.011	2CELL3.26	18W
A501	PL	XE.H6PEN.006	2CELL3.26	18W
A501	PL	XE.H6QEN.012	2CELL3.26	18W
A501	RU	XE.H6MEN.008	2CELL3.26	18W
A501	RU	XE.H6NEN.007	2CELL3.26	18W
A501	RU	XE.H6PEN.007	2CELL3.26	18W
A501	RU	XE.H6QEN.007	2CELL3.26	18W
A501	SG	XE.H6MAN.005	2CELL3.26	18W
A501	SG	XE.H6NAN.005	2CELL3.26	18W
A501	SG	XE.H6PAN.002	2CELL3.26	18W
A501	SG	XE.H6QAN.002	2CELL3.26	18W
A501	TH	XE.H6MAN.006	2CELL3.26	18W

Table 7-9. Battery & Adapter (Continued)

Model	Country	P/N	Battery	Adapter
A501	TH	XE.H6NAN.006	2CELL3.26	18W
A501	TR	XE.H6MEN.009	2CELL3.26	18W
A501	TR	XE.H6NEN.009	2CELL3.26	18W
A501	TR	XE.H6PEN.009	2CELL3.26	18W
A501	TR	XE.H6QEN.009	2CELL3.26	18W
A501	UK	XE.H6MEN.007	2CELL3.26	18W
A501	UK	XE.H6NEN.006	2CELL3.26	18W
A501	UK	XE.H6PEN.012	2CELL3.26	18W
A501	UK	XE.H6QEN.006	2CELL3.26	18W
A501	US	XE.H6PPN.003	2CELL3.26	18W
A501	US	XE.H6QPN.003	2CELL3.26	18W
A501	VN	XE.H6MAN.007	2CELL3.26	18W
A501	VN	XE.H6NAN.007	2CELL3.26	18W
A501	West EU-1	XE.H6MEN.002	2CELL3.26	18W
A501	West EU-1	XE.H6MEN.003	2CELL3.26	18W
A501	West EU-1	XE.H6MEN.004	2CELL3.26	18W
A501	West EU-1	XE.H6NEN.001	2CELL3.26	18W
A501	West EU-1	XE.H6NEN.003	2CELL3.26	18W
A501	West EU-1	XE.H6NEN.004	2CELL3.26	18W
A501	West EU-1	XE.H6PEN.002	2CELL3.26	18W
A501	West EU-1	XE.H6PEN.003	2CELL3.26	18W
A501	West EU-1	XE.H6PEN.004	2CELL3.26	18W
A501	West EU-1	XE.H6QEN.001	2CELL3.26	18W
A501	West EU-1	XE.H6QEN.002	2CELL3.26	18W
A501	West EU-1	XE.H6QEN.004	2CELL3.26	18W
A501	ZA	XE.H6MEN.005	2CELL3.26	18W
A501	ZA	XE.H6NEN.008	2CELL3.26	18W
A501	ZA	XE.H6PEN.008	2CELL3.26	18W
A501	ZA	XE.H6QEN.008	2CELL3.26	18W

CHAPTER 8

Test Compatible Components

Android OS Environment Test.....	8-4
ICONIA Tablet A500/501	8-4

Test Compatible Components

This computer's compatibility is tested and verified by Acer's internal testing department. All of its system functions are tested under Android OS 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 ICONIA Tab A500/501. Compatibility Test Report released by the Acer Mobile System Testing Department.

Android OS Environment Test

ICONIA Tablet A500/501

Table 8-1. ICONIA Tablet A500/501

Vendor	Type	Description	P/N
3G			
60027216 ERICSSON	F5521gw	Ericsson F5521gw	LC.21300.056
PLM00023 Huawei	EM770W-Tablet	Huawei EM770W-Tablet	LC.21300.071
PLM00023 Huawei	EM820W	Huawei EM820W	LC.21300.068
Accessory			
10001012 COMPAL	Dust proof Bag	Acer Picasso Dust proof bag	XZ.70200.116
10001012 COMPAL	HDMI Cable 1.5 meter, non-shielded Accessory	Picasso / VanGogh HDMI Cable 1.5 meter, non-shielded	XZ.70200.117
10001012 COMPAL	Micro USB cable	Acer Micro USB cable Micro USB cable_Picasso/VanGogh	XZ.70200.115
Adapter			
60014287 PHIHONG	18W	Adapter PHIHONG 18W 12V/1.5A Black PSAA18R-120(AI)-R LF DC cable 250cm	AP.0180P.001
60014287 PHIHONG	18W	Adapter PHIHONG 18W 12V/1.5A Black PSA18R-120P(AI)-R LF	AP.0180P.002
60014287 PHIHONG	18W	Adapter PHIHONG 18W 12V/1.5A Black PSAA18R-120(AI)-R LF DC cable 250cm	AP.0180P.001
Battery			
60002162 SIMPLO	2CELL3.26	Battery SIMPLO BAT-1010 Polymer 2S1P LGC 2 Cell 3260mAh Main COMMON BAT-1010	BT.00207.001
Camera			
10001023 LITE-ON	Camera Module	Camera Module LITEON 5M AF 10P1SA505 FPC OV OV5650 MIPI CSP	QM.05M05.004
10001044 CHICONY	Camera Module	Camera Module CHICONY 2M FF CBFA231 FPC Micro SOC2031 Parallel COB	QM.02M06.002

Table 8-1. ICONIA Tablet A500/501 (Continued)

Vendor	Type	Description	P/N
CPU			
60001915 NVIDIA	NV-TEGRA250	HH CPU nVidia Tegra 250 BGA 664 1GHz	CU.25007.001
Front Camera			
10001044 CHICONY	Camera Module	Camera Module CHICONY 2M FF CBFA233 FPC Micro SOC2031 MIPI COB	QM.02M06.001
LCD			
60003316 AUO	H10.1WXGA w/TP	LED LCD AUO 10.1" WXGA Glare B101EW05 0A LF 300nit 25ms w/TP (Cando + ATMEL, AUO TTL solution)	LK.10105.008
Main Camera1			
10001023 LITE-ON	Camera Module	Camera Module LITEON 5M AF 10P1SA505 FPC OV OV5650 MIPI CSP	QM.05M05.004
10001023 LITE-ON	Camera Module	Camera Module LITEON 5M AF 11P2BA501 FPC Micro SOC5140 MIPI COB	QM.05M05.005
Memory			
10001079 SYNNEX	eMMC16GB	eMMC SanDisk Memory eMMC SDIN4C2-16G 32nm	IC.0160B.001
10001079 SYNNEX	eMMC32GB	IC SanDisk Memory SDIN4E2-32G 43nm	IC.0320B.001
60002045 HYNIX	LPDDR2	IC Hynix Memory H8TJR00X0MLR-0YM 44nm	IC.0080H.002
60003533 YOSUN	eMMC16GB	IC Samsung Memory KLMAG4FEJA-A001 27nm v4.41	IC.01609.004
60003533 YOSUN	eMMC32GB	IC Samsung Memory KLMBG8FEJA-A001	IC.03209.002
60004668 ELPIDA	LPDDR2	IC Elpida Memory 168b PoP EDB8132B2PB-6D-F 40nm 8Gb	IC.0800E.001
Wifi Module			
PLM00016 Azurewave	WiFi Module	WiFi Module AZUREWAVE 802.11n Bluetooth FM AW-NH611 802.11bgn single band	QF.11N0Z.002

CHAPTER 9

Online Support Information

Introduction	9-3
--------------------	-----

Online Support Information

Introduction

This section describes online technical support services available to help users repair their Acer Systems.

For distributors, dealers, ASP or TPM, please refer the technical queries to a 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 convenient and valuable support resources.

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

- Service guides for all models
- 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 Traveller'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 technical queries.

We are always looking for ways to optimize and improve our services, so do not hesitate to direct any suggestions or comments to us.

