SERVICE MANUAL

M740T / M740TU / M760T / M760TU

notebook

Notebook Computer

M740T/M740TU/M760T/M760TU

Service Manual

Notice

The company reserves the right to revise this publication or to change its contents without notice. Information contained herein is for reference only and does not constitute a commitment on the part of the manufacturer or any subsequent vendor. They assume no responsibility or liability for any errors or inaccuracies that may appear in this publication nor are they in anyway responsible for any loss or damage resulting from the use (or misuse) of this publication.

Brand and product names mentioned in this publication may or may not be copyrights and/or registered trademarks of their respective companies. They are mentioned for identification purposes only and are not intended as an endorsement of that product or its manufacturer.

Version 1.0
June 2008

Trademarks

Intel and **Intel Core** are trademarks of Advanced Micro Devices, Inc.
Windows® is a registered trademark of Microsoft Corporation.
Other brand and product names are trademarks and./or registered trademarks of their respective companies.

About this Manual

This manual is intended for service personnel who have completed sufficient training to undertake the maintenance and inspection of personal computers.

It is organized to allow you to look up basic information for servicing and/or upgrading components of the ***M740T/ M740TU/M760T/M760TU*** series notebook PC.

The following information is included:

Chapter 1, Introduction, provides general information about the location of system elements and their specifications.
Chapter 2, Disassembly, provides step-by-step instructions for disassembling parts and subsystems and how to upgrade elements of the system.

Appendix A, Part Lists
Appendix B, Schematic Diagrams

IMPORTANT SAFETY INSTRUCTIONS

Follow basic safety precautions, including those listed below, to reduce the risk of fire, electric shock and injury to persons when using any electrical equipment:

1. Do not use this product near water, for example near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool.
2. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electrical shock from lightning.
3. Do not use the telephone to report a gas leak in the vicinity of the leak.
4. Use only the power cord and batteries indicated in this manual. Do not dispose of batteries in a fire. They may explode. Check with local codes for possible special disposal instructions.
5. This product is intended to be supplied by a Listed Power Unit with an AC Input of 100 - 240V, 50 - 60Hz, DC Output of 19V, 3.42A (**65** Watts) minimum AC/DC Adapter for **M740T/M760T** computers, **OR** 19V, 4.74A (**90** Watts) minimum AC/DC Adapter for **M740TU/M760TU** computers.

CAUTION

Always disconnect all telephone lines from the wall outlet before servicing or disassembling this equipment.

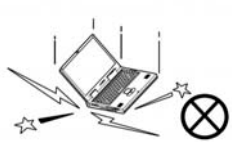
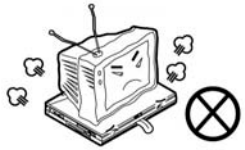
TO REDUCE THE RISK OF FIRE, USE ONLY NO. 26 AWG OR LARGER, TELECOMMUNICATION LINE CORD

This Computer's Optical Device is a Laser Class 1 Product

Instructions for Care and Operation

The notebook computer is quite rugged, but it can be damaged. To prevent this, follow these suggestions:

1. **Don't drop it, or expose it to shock.** If the computer falls, the case and the components could be damaged.

Do not expose the computer to any shock or vibration.	*Do not place it on an unstable surface.*	*Do not place anything heavy on the computer.*
		

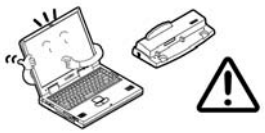
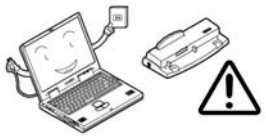
2. **Keep it dry, and don't overheat it.** Keep the computer and power supply away from any kind of heating element. This is an electrical appliance. If water or any other liquid gets into it, the computer could be badly damaged.

Do not expose it to excessive heat or direct sunlight.	*Do not leave it in a place where foreign matter or moisture may affect the system.*	*Don't use or store the computer in a humid environment.*	*Do not place the computer on any surface which will block the vents.*
			

3. **Follow the proper working procedures for the computer**. Shut the computer down properly and don't forget to save your work. Remember to periodically save your data as data may be lost if the battery is depleted.

Do not turn off the power until you properly shut down all programs.	*Do not turn off any peripheral devices when the computer is on.*	*Do not disassemble the computer by yourself.*	*Perform routine maintenance on your computer.*
			

4. **Avoid interference.** Keep the computer away from high capacity transformers, electric motors, and other strong magnetic fields. These can hinder proper performance and damage your data.
5. **Take care when using peripheral devices**.

Use only approved brands of peripherals.	*Unplug the power cord before attaching peripheral devices.*
	

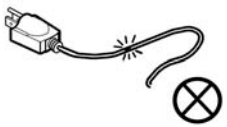
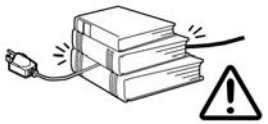
Power Safety

The computer has specific power requirements:

- Only use a power adapter approved for use with this computer.
- Your AC adapter may be designed for international travel but it still requires a steady, uninterrupted power supply. If you are unsure of your local power specifications, consult your service representative or local power company.
- The power adapter may have either a 2-prong or a 3-prong grounded plug. The third prong is an important safety feature; do not defeat its purpose. If you do not have access to a compatible outlet, have a qualified electrician install one.
- When you want to unplug the power cord, be sure to disconnect it by the plug head, not by its wire.
- Make sure the socket and any extension cord(s) you use can support the total current load of all the connected devices.
- Before cleaning the computer, make sure it is disconnected from any external power supplies.

Power Safety Warning

Before you undertake any upgrade procedures, make sure that you have turned off the power, and disconnected all peripherals and cables (including telephone lines). It is advisable to also remove your battery in order to prevent accidentally turning the machine on.

Do not plug in the power cord if you are wet.	*Do not use the power cord if it is broken.*	*Do not place heavy objects on the power cord.*
		

Battery Precautions

- Only use batteries designed for this computer. The wrong battery type may explode, leak or damage the computer.
- Do not remove any batteries from the computer while it is powered on.
- Do not continue to use a battery that has been dropped, or that appears damaged (e.g. bent or twisted) in any way. Even if the computer continues to work with a damaged battery in place, it may cause circuit damage, which may possibly result in fire.
- Recharge the batteries using the notebook's system. Incorrect recharging may make the battery explode.
- Do not try to repair a battery pack. Refer any battery pack repair or replacement to your service representative or qualified service personnel.
- Keep children away from, and promptly dispose of a damaged battery. Always dispose of batteries carefully. Batteries may explode or leak if exposed to fire, or improperly handled or discarded.
- Keep the battery away from metal appliances.
- Affix tape to the battery contacts before disposing of the battery.
- Do not touch the battery contacts with your hands or metal objects.

Battery Disposal

The product that you have purchased contains a rechargeable battery. The battery is recyclable. At the end of its useful life, under various state and local laws, it may be illegal to dispose of this battery into the municipal waste stream. Check with your local solid waste officials for details in your area for recycling options or proper disposal.

Caution

Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Discard used battery according to the manufacturer's instructions.

Related Documents

You may also need to consult the following manual for additional information:

User's Manual on CD
This describes the notebook PC's features and the procedures for operating the computer and its ROM-based setup program. It also describes the installation and operation of the utility programs provided with the notebook PC.

Contents

Chapter 1: Introduction

Overview

This manual covers the information you need to service or upgrade the ***M740T/M740TU/M760T/M760TU*** series notebook computer. Information about operating the computer (e.g. getting started, and the *Setup* utility) is in the *User's Manual*. Information about drivers (e.g. VGA & audio) is also found in *User's Manual*. That manual is shipped with the computer.

Operating systems (e.g. *Windows XP, Windows Vista,* etc.) have their own manuals as do application software (e.g. word processing and database programs). If you have questions about those programs, you should consult those manuals.

The ***M740T/M740TU/M760T/M760TU*** series notebook is designed to be upgradeable. See ***"Disassembly" on page 2 - 1*** for a detailed description of the upgrade procedures for each specific component. Please note the warning and safety information indicated by the "  " symbol.

The balance of this chapter reviews the computer's technical specifications and features.

System Specifications

Feature	Specification	
Processor	Intel® Core™2 Duo Processor (478-pin) Micro-FC-PGA Package, Socket P TDP: 35W **T9400/ T9600**	45nm (45 Nanometer) Process Technology 6MB On-die L2 Cache & 1066MHz FSB **2.53/ 2.8 GHz**
	Intel® Core™2 Duo Processor (478-pin) Micro-FC-PGA Package, Socket P TDP: 25W **P9500**	45nm (45 Nanometer) Process Technology 6MB On-die L2 Cache & 1066MHz FSB **2.53 GHz**
	Intel® Core™2 Duo Processor (478-pin) Micro-FC-PGA Package, Socket P TDP: 25W **P8400/ P8600**	45nm (45 Nanometer) Process Technology 3MB On-die L2 Cache & 1066MHz FSB **2.26/ 2.40** GHz
Core Logic	**M740T/M760T:** Intel(R) GM45 + ICH9M Chipset	**M740TU/M760TU:** Intel(R) PM45 + ICH9M Chipset
LCD	**M740T/M740TU:** 14.1" WXGA (1280*800)/ WXGA+ (1440*900) Glare Type TFT LCD	**M760T/M760TU:** 15.4" WXGA (1280*800)/ WXGA+ (1440*900)/ WSXGA+ (1680*1050) Glare Type TFT LCD
Video Adapter	**M740T/M760T:** **Intel GM45 Integrated Video** High Preference 3D/2D Graphic Accelerator Supports Dynamic Video Memory Technology DVMT (up to **256MB** dynamically allocated from system memory where needed) Supports DirectX10	**M740TU/M760TU:** **nVIDIA GeForce 9300M GS Discrete Graphics On-Board** **256MB** of **GDDR2** Video Memory On-Board TurboCache™ Supporting Total Graphics Memory up to **512MB** (depending on system memory) Supports DirectX 10 Supports PCIE * 16 Supports **HDCP**
Memory	64-bit Wide **DDRII (DDR2)** Data Channel Supports Dual Channel DDR2 SDRAM Two 200 Pin SO-DIMM Sockets Supporting **DDRII (DDR2**) **667MHz/ 800MHz** Memory Expandable up to **4GB** (1024MB/ 2048MB **DDRII** Modules)	

Feature	Specification	
Security	Security (Kensington® Type) Lock Slot Fingerprint ID Reader Module (**Factory Option**)	BIOS Password
BIOS	One 32Mb SPI Flash ROM	Phoenix™ BIOS
Storage	One Changeable 12.7mm(h) **SATA** Optical Device (CD/DVD) Type Drive (see ***"Optional" on page 1 - 5***) Easy Changeable 2.5" 9.5 mm (h) **SATA** (Serial) HDD	
Audio	Intel® High Definition Audio (HDA) Interface 3D Enhanced Sound System Sound-Blaster PRO ™ Compatible	S/PDIF Digital Output 2 * Built-In Speakers (1W, 8Ω) Built-In Microphone
Keyboard & Pointing Device	Winkey Keyboard	Built-In TouchPad with Scrolling Function
Interface	Three USB 2.0 Ports One HDMI-Out Port (High-Definition Multimedia Interface) One Headphone-Out Jack One Microphone-In Jack One S/PDIF-Out Jack	One eSATA Port (supported in ***Windows Vista*** only): AHCI mode supports hot swapping IDE mode does not support hot swapping One RJ-11 Modem Jack One RJ-45 LAN Jack One DC-In Jack One External Monitor Port
Card Reader	Embedded 7-in-1 Card Reader (MS/ MS Pro/ SD/ Mini SD/ MMC/ RS MMC/ MS Duo) **Note:** MS Duo/ Mini SD/ RS MMC Cards require a PC adapter	
ExpressCard Slot	One ExpressCard/34(54) Slot	
Mini-Card Slots	One Mini-Card Slot for **Wireless LAN Module** One Mini-Card Slot for **3.5G Module**	

Feature	Specification	
Communication **UMTS Modes** Note that UMTS modes CAN NOT be used in North America.	Built-In 56K MDC Modem, V.90 & V.92 Compliant Built-In Gigabit Ethernet LAN Bluetooth 2.0 + EDR (Enhanced Data Rate) Module (**Factory Option**) 1.3M or 2.0M Pixel USB PC Camera Module (**Factory Option**) **Wireless LAN Module:** Intel® WiFi Link 5300 Series (3*3 - 802.11a/g/n) Wireless LAN Mini-Card Module (**Option**) Intel® WiFi Link 5100 Series (1*2 - 802.11a/g/n) Wireless LAN Mini-Card Module (**Option**) **3.5G Module:** UMTS/HSPDA-based 3.5G Module with Mini-Card Interface (**Factory Option**) Quad-band GSM/GPRS (850 MHz, 900 MHz, 1800 MHz, 1900 MHz) UMTS WCDMA FDD (2100 MHz)	
Power Management	Supports ACPI 3.0 Supports Wake on LAN	Supports Resume from Modem Ring
Power	**M740T/M760T:** Full Range AC/DC Adapter AC input 100 - 240V, 50 - 60Hz, DC Output 19V, 3.42A (**65** Watts)	**M740TU/M760TU:** Full Range AC/DC Adapter AC input 100 - 240V, 50 - 60Hz, DC Output 19V, 4.74A (**90** Watts)
Battery	6 Cell Smart Lithium-Ion Battery Pack, 4000mAH **OR** 4400mAH 9 Cell Smart Lithium-Ion Battery Pack, 7200mAH (**Option**)	
Environmental Spec	Temperature Operating: 5°C - 35°C Non-Operating: -20°C - 60°C	Relative Humidity Operating: 20% - 80% Non-Operating: 10% - 90%
Dimensions & Weight	**M740T/M740TU:** 336mm (w) * 250mm (d) * 24.8-35.7mm (h) Around 2.3 kg With 6 Cell Battery	**M760T/M760TU:** 359mm (w) * 268mm (d) * 24.8-37mm (h) 2.6 kg With 6 Cell Battery

Feature	Specification	
Optional	**Optical Drive Module Options:** Combo/ DVD-Dual (Super Multi) Device Module **Wireless LAN Module:** Intel® WiFi Link 5300/5100 Series (3*3/1*2 - 802.11a/g/n) Wireless LAN Mini-Card Module 9 Cell Smart Lithium-Ion Battery Pack 1.3M or 2.0M Pixel USB PC Camera Module (**Factory Option**) Fingerprint ID Reader Module (**Factory Option**)	Bluetooth 2.0 + EDR (Enhanced Data Rate) Module (**Factory Option**) UMTS/HSPDA-based 3.5G Module with Mini-Card Interface (**Factory Option**) Quad-band GSM/GPRS (850 MHz, 900 MHz, 1800 MHz, 1900 MHz) UMTS WCDMA FDD (2100 MHz) **UMTS Modes** Note that UMTS modes CAN NOT be used in North America.

External Locator - Top View with LCD Panel Open

Figure 1
Top View

1. Optional Built-In PC Camera
2. LCD
3. Speakers
4. Power Button
5. Hot Key Buttons
6. Keyboard
7. Built-In Microphone
8. Touchpad & Buttons
9. Fingerprint Module (Optional)
10. LED Indicators

M740T/M740TU

M760T/M760TU

External Locator - Front & Right side Views

Figure 2
Front Views

1. LED Power & Communication Indicators

Figure 3
Right Side Views

1. S/PDIF-Out Jack
2. Microphone-In Jack
3. Headphone-Out Jack
4. USB 2.0 Port
5. Optical Device Drive Bay
6. RJ-11 Phone Jack
7. Security Lock Slot

External Locator - Left Side & Rear View

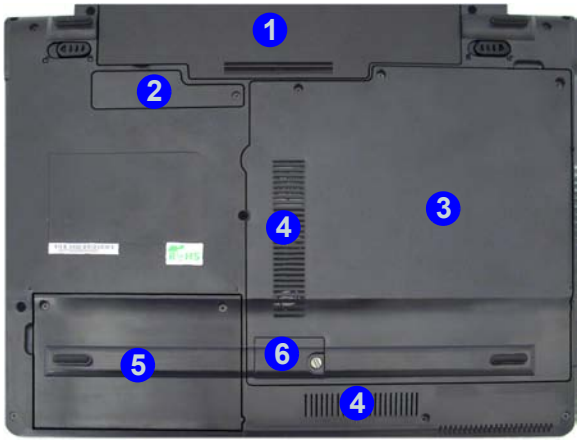
Figure 4
Left Side View

1. DC-In Jack
2. External Monitor Port
3. RJ-45 LAN Jack
4. e-SATA Port
5. HDMI-Out Port
6. Vent/Fan Intake/ Outlet
7. 2 * USB 2.0 Ports
8. ExpressCard Slot
9. 7-in-1 Card Reader

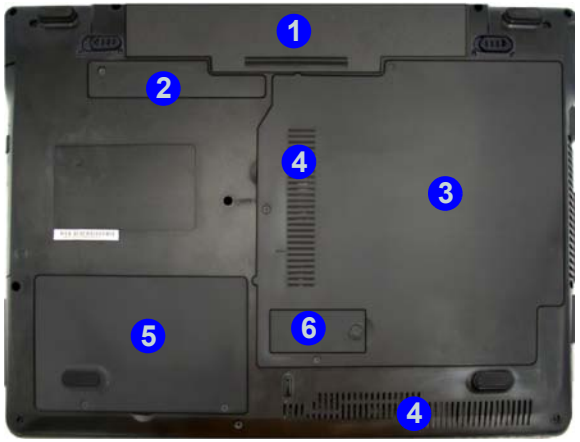
Figure 5
Rear View

1. Battery

External Locator - Bottom View



M740T/M740TU



M760T/M760TU

Figure 6
Bottom View

1. Battery
2. Bluetooth Module Cover
3. RAM & CPU Bay Cover
4. Vent/Fan Intake/ Outlet
5. Hard Disk Bay Cover
6. 3.5G USIM Card Location

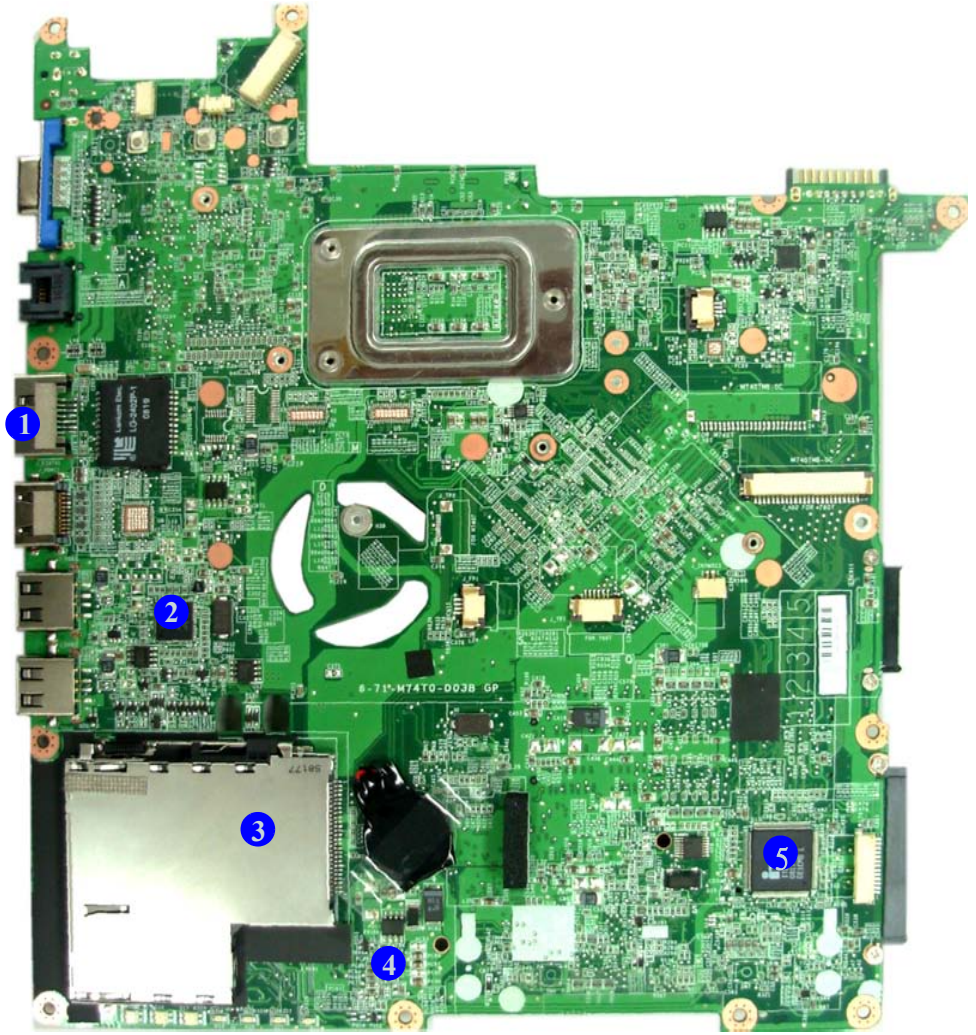
Overheating

To prevent your computer from overheating make sure nothing blocks the vent/fan intakes while the computer is in use.

Mainboard Overview - Top (Key Parts)

Figure 7
Mainboard Top Key Parts

1. Transformer
2. VT6103L
3. ExpressCard Connector
4. ENE MR510
5. KBC ITE IT8512E



Mainboard Overview - Bottom (Key Parts)

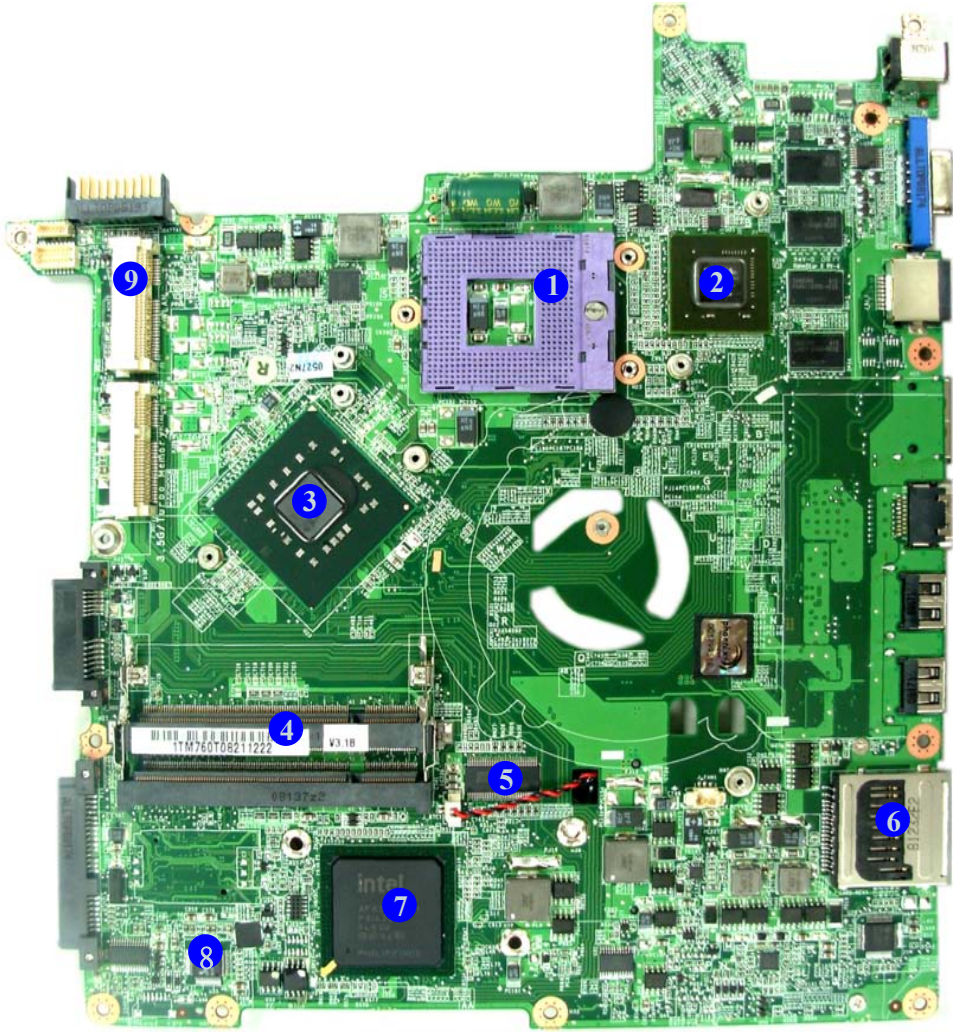


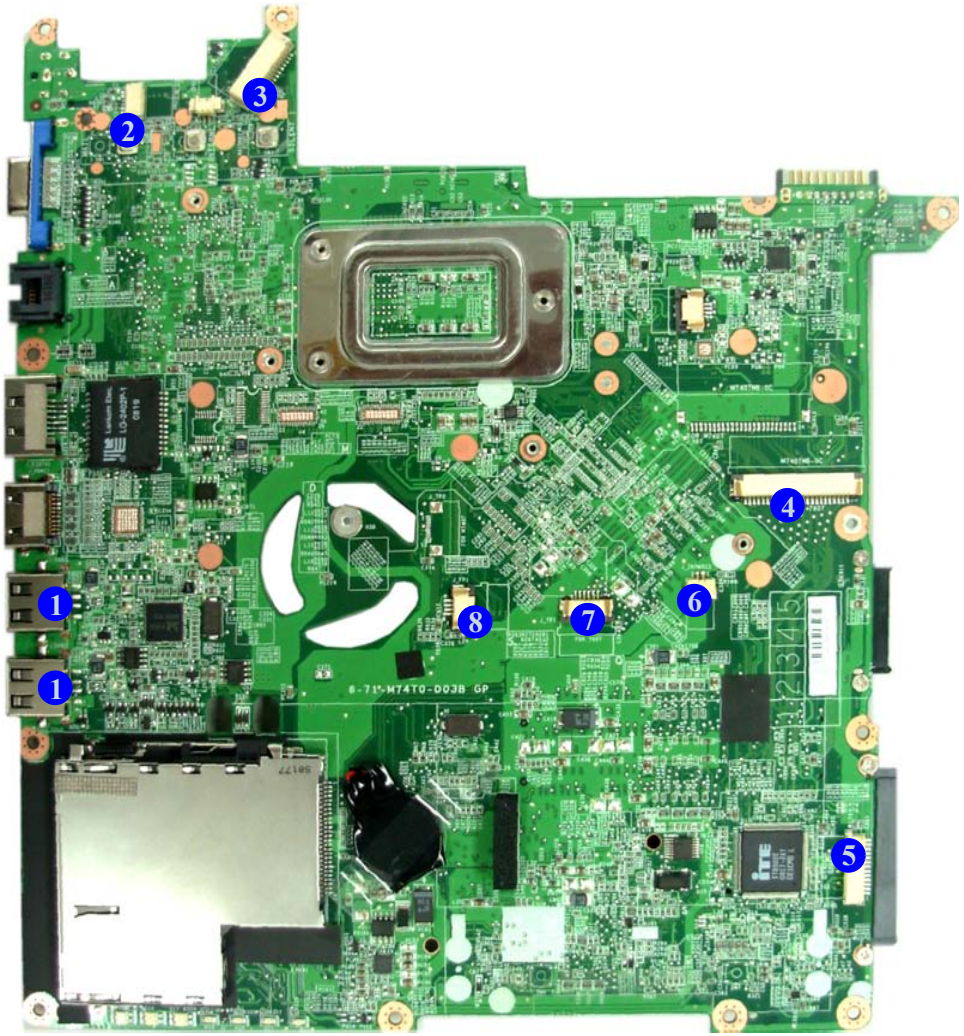
Figure 8
Mainboard Bottom Key Parts

1. CPU Socket (no CPU installed)
2. VGA Chip
3. North Bridge
4. Memory Slots DDR2 SO-DIMM
5. ICS
6. Card Reader Socket
7. South Bridge
8. Audio Codec
9. Mini-Card Connector (WLAN Module)

Mainboard Overview - Top (Connectors)

Figure 9
Mainboard Top Connectors

1. USB Port
2. Hot-key board Connector
3. LCD Cable Connector
4. Keyboard Cable Connector
5. Audio Board Connector
6. Microphone Cable Connector
7. TouchPad Cable Connector
8. Fingerprint Cable Connector



Mainboard Overview - Bottom (Connectors)

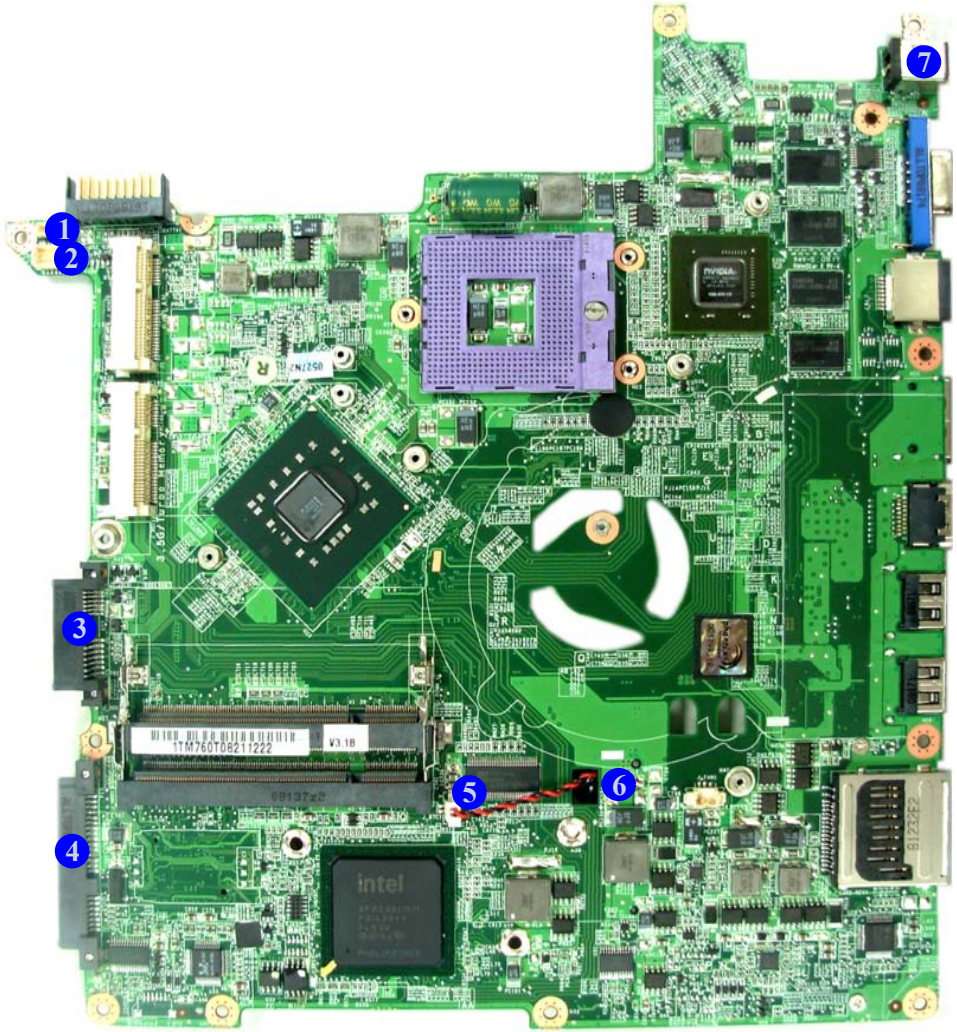


Figure 10
Mainboard Bottom Connectors

1. BT Cable Connector
2. Multi Board Connector
3. CD-ROM Connector
4. HDD Connector
5. CMOS Bat. Connector
6. CPU Fan Cable Connector
7. DC-In Jack

Chapter 2: Disassembly

Overview

This chapter provides step-by-step instructions for disassembling the ***M740T/M740TU/M760T/M760TU*** series notebook's parts and subsystems. When it comes to reassembly, reverse the procedures (unless otherwise indicated).

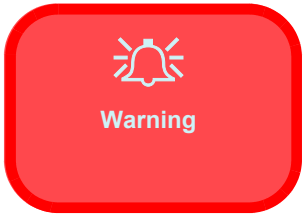
We suggest you completely review any procedure before you take the computer apart.

Procedures such as upgrading/replacing the RAM, optical device and hard disk are included in the User's Manual but are repeated here for your convenience.

To make the disassembly process easier each section may have a box in the page margin. Information contained under the figure # will give a synopsis of the sequence of procedures involved in the disassembly procedure. A box with a lists the relevant parts you will have after the disassembly process is complete. **Note**: The parts listed will be for the disassembly procedure listed ONLY, and not any previous disassembly step(s) required. Refer to the part list for the previous disassembly procedure. The amount of screws you should be left with will be listed here also.

A box with a will also provide any possible helpful information. A box with a contains warnings.

An example of these types of boxes are shown in the sidebar.



NOTE: All disassembly procedures assume that the system is turned **OFF**, and disconnected from any power supply (the battery is removed too).

Maintenance Tools

The following tools are recommended when working on the notebook PC:

- M3 Philips-head screwdriver
- M2.5 Philips-head screwdriver (magnetized)
- M2 Philips-head screwdriver
- Small flat-head screwdriver
- Pair of needle-nose pliers
- Anti-static wrist-strap

Connections

Connections within the computer are one of four types:

Locking collar sockets for ribbon connectors	To release these connectors, use a small flat-head screwdriver to gently pry the locking collar away from its base. When replacing the connection, make sure the connector is oriented in the same way. The pin1 side is usually not indicated.
Pressure sockets for multi-wire connectors	To release this connector type, grasp it at its head and gently rock it from side to side as you pull it out. Do not pull on the wires themselves. When replacing the connection, do not try to force it. The socket only fits one way.
Pressure sockets for ribbon connectors	To release these connectors, use a small pair of needle-nose pliers to gently lift the connector away from its socket. When replacing the connection, make sure the connector is oriented in the same way. The pin1 side is usually not indicated.
Board-to-board or multi-pin sockets	To separate the boards, gently rock them from side to side as you pull them apart. If the connection is very tight, use a small flat-head screwdriver - use just enough force to start.

Maintenance Precautions

The following precautions are a reminder. To avoid personal injury or damage to the computer while performing a removal and/or replacement job, take the following precautions:

1. **Don't drop it**. Perform your repairs and/or upgrades on a stable surface. If the computer falls, the case and other components could be damaged.
2. **Don't overheat it**. Note the proximity of any heating elements. Keep the computer out of direct sunlight.
3. **Avoid interference**. Note the proximity of any high capacity transformers, electric motors, and other strong magnetic fields. These can hinder proper performance and damage components and/or data. You should also monitor the position of magnetized tools (i.e. screwdrivers).
4. **Keep it dry**. This is an electrical appliance. If water or any other liquid gets into it, the computer could be badly damaged.
5. **Be careful with power**. Avoid accidental shocks, discharges or explosions.
   - Before removing or servicing any part from the computer, turn the computer off and detach any power supplies.
   - When you want to unplug the power cord or any cable/wire, be sure to disconnect it by the plug head. Do not pull on the wire.
6. **Peripherals** – Turn off and detach any peripherals.
7. **Beware of static discharge**. ICs, such as the CPU and main support chips, are vulnerable to static electricity. Before handling any part in the computer, discharge any static electricity inside the computer. When handling a printed circuit board, do not use gloves or other materials which allow static electricity buildup. We suggest that you use an anti-static wrist strap instead.
8. **Beware of corrosion**. As you perform your job, avoid touching any connector leads. Even the cleanest hands produce oils which can attract corrosive elements.
9. **Keep your work environment clean**. Tobacco smoke, dust or other air-born particulate matter is often attracted to charged surfaces, reducing performance.
10. **Keep track of the components**. When removing or replacing any part, be careful not to leave small parts, such as screws, loose inside the computer.

Power Safety Warning

Before you undertake any upgrade procedures, make sure that you have turned off the power, and disconnected all peripherals and cables (including telephone lines). It is advisable to also remove your battery in order to prevent accidentally turning the machine on.

Cleaning

Do not apply cleaner directly to the computer, use a soft clean cloth.
Do not use volatile (petroleum distillates) or abrasive cleaners on any part of the computer.

Disassembly Steps

The following table lists the disassembly steps, and on which page to find the related information. **PLEASE PERFORM THE DISASSEMBLY STEPS IN THE ORDER INDICATED.**

To remove the Battery:

1. Remove the battery *page 2 - 5*

To remove the HDD:

1. Remove the battery *page 2 - 5*
2. Remove the HDD *page 2 - 6*

To remove the Optical Device:

1. Remove the battery *page 2 - 5*
2. Remove the Optical device *page 2 - 9*

To remove the System Memory:

1. Remove the battery *page 2 - 5*
2. Remove the system memory *page 2 - 11*

To remove the Inverter Board:

1. Remove the battery *page 2 - 5*
2. Remove the inverter board *page 2 - 13*

To remove and install a Processor:

1. Remove the battery *page 2 - 5*
2. Remove the processor *page 2 - 14*
3. Install the processor *page 2 - 16*

To remove the Wireless LAN Module:

1. Remove the battery *page 2 - 5*
2. Remove the wireless LAN *page 2 - 17*

To remove the Bluetooth Module:

1. Remove the battery *page 2 - 5*
2. Remove the Bluetooth *page 2 - 18*

To remove the Keyboard:

1. Remove the battery *page 2 - 5*
2. Remove the keyboard *page 2 - 19*

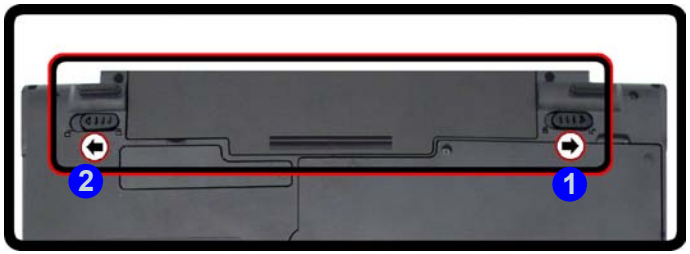
To remove the Modem:

1. Remove the battery *page 2 - 5*
2. Remove the HDD *page 2 - 6*
3. Remove the system memory *page 2 - 11*
4. Remove the Optical device *page 2 - 9*
5. Remove the processor *page 2 - 14*
6. Remove the keyboard *page 2 - 19*
7. Remove the modem *page 2 - 20*

Removing the Battery

1. Turn the computer **off**, and turn it over.
2. Slide the latch 1 in the direction of the arrow.
3. Slide the latch 2 in the direction of the arrow, and hold it in place.
4. Slide the battery 3 in the direction of the arrow 4.

a.



b.

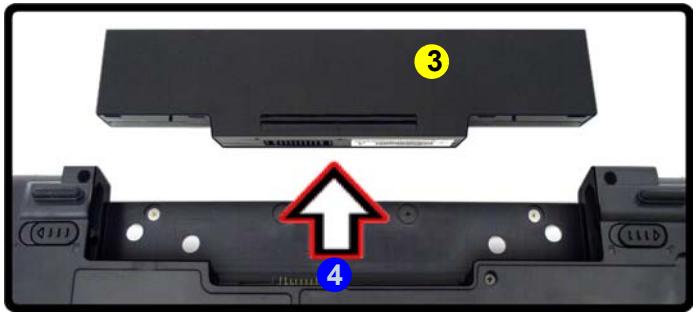


Figure 1
Battery Removal

a. Slide the latch and hold in place.
b. Slide the battery in the direction of the arrow.

3. Battery

Removing the Hard Disk Drive

The hard disk drive can be taken out to accommodate other 2.5" serial (SATA) hard disk drives with a height of 9.5mm (h). Follow your operating system's installation instructions, and install all necessary drivers and utilities (as outlined in **Chapter 4 of the User's Manual**) when setting up a new hard disk.

Figure 2
HDD Assembly Removal

a. Locate the HDD bay cover and remove the screw(s).

Hard Disk Upgrade Process

1. Turn **off** the computer, and remove the battery (*page 2 - 5*).
2. Locate the hard disk bay cover and remove screw 1 & 2.

a.

M740T/M740TU

M760T/M760TU

- 2 Screws

HDD System Warning

New HDD's are blank. Before you begin make sure:

You have backed up any data you want to keep from your old HDD.

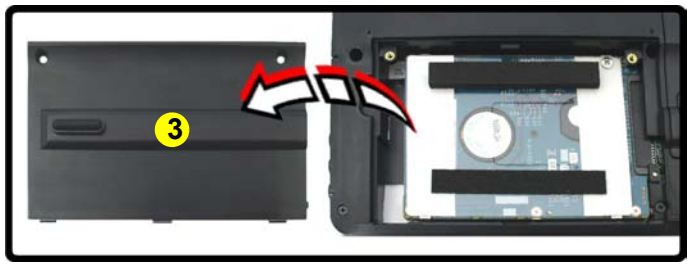
You have all the CD-ROMs and FDDs required to install your operating system and programs.

If you have access to the internet, download the latest application and hardware driver updates for the operating system you plan to install. Copy these to a removable medium.

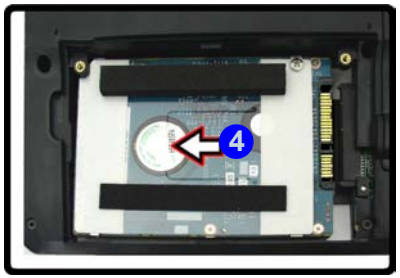
For **M740T/M740TU** computers:

3. Remove the hard disk bay cover 3.
4. Grip the tab and slide the hard disk in the direction of arrow 4.
5. Lift the hard disk out of the bay 5.
6. Remove the screw 6 and the adhesive cover 7 from the hard disk 8.
7. Reverse the process to install a new hard disk (do not forget to replace all the screws and covers).

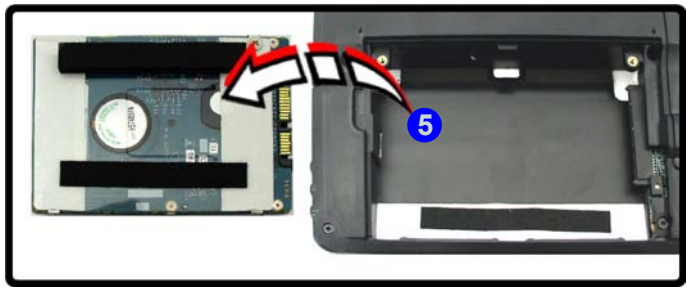
b.



c.



d.



e.

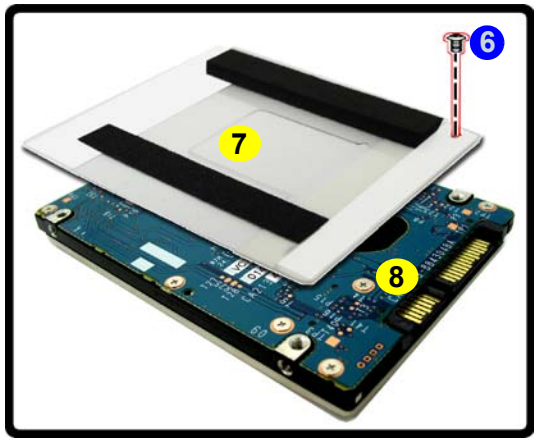


Figure 3
HDD Assembly Removal (cont'd.)

b. Remove the HDD bay cover.
c. Grip the tab and slide the HDD in the direction of the arrow.
d. Lift the HDD assembly out of the bay.
e. Remove the screw and adhesive cover.

3. HDD Bay Cover
7. Adhesive Cover
8. HDD

- 1 Screw

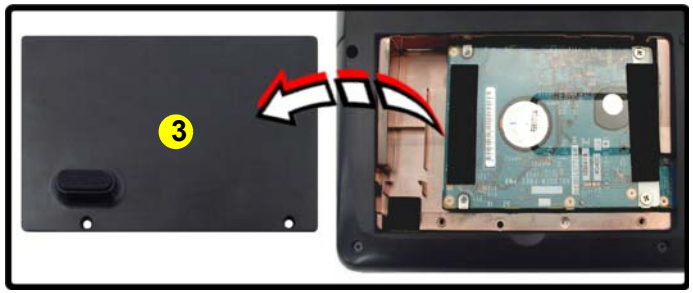
Figure 4
HDD Assembly Removal (cont'd.)

f. Remove the HDD Bay Cover.
g. Grip the tab and slide the HDD in the direction of the arrow.
h. Lift the HDD assembly out of the bay.
i. Remove the screw and adhesive cover.

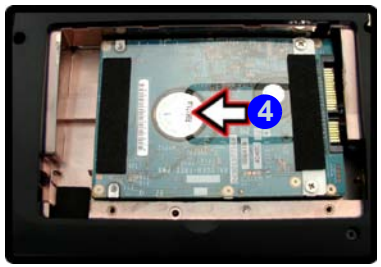
For **M760T/M760TU** computers:

8. Remove the hard disk bay Cover 3.
9. Grip the tab and slide the hard disk in the direction of arrow 4.
10. Lift the hard disk out of the bay 5.
11. Remove the screws 6 & 7 and the adhesive cover 8 from the hard disk 9.
12. Reverse the process to install a new hard disk (do not forget to replace all the screws and covers).

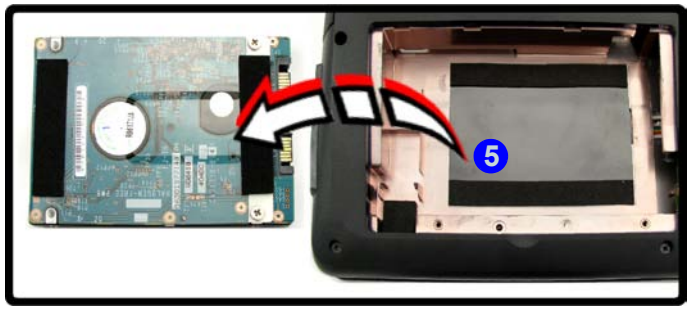
f.



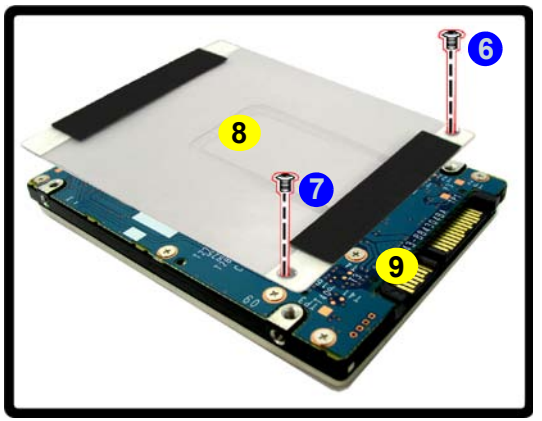
g.



h.



i.



3. HDD Bay Cover
8. Adhesive Cover
9. HDD

- 2 Screws

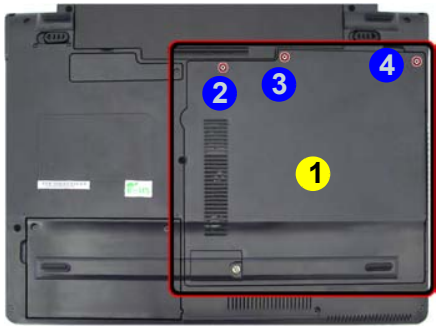
Removing the Optical (CD/DVD) Device

1. Turn **off** the computer, and remove the battery (*page 2 - 5*).
2. **M740T/M740TU: (see over for M760T/M760TU)** Locate the component bay cover 1 and remove screws 2 - 4.
3. Carefully (**a fan and cable are attached to the under side of the cover**) lift up the bay cover.
4. Carefully disconnect the fan cable 5, and remove the cover 1.
5. Remove the screw at point 6, and use a screwdriver to carefully push out the optical device 8 at point 7.
6. Insert the new device and carefully slide it into the computer (the device only fits one way. DO NOT FORCE IT; The screw holes should line up).
7. Restart the computer to allow it to automatically detect the new device.

Figure 5
Optical Device Removal

a. Remove the screws.
b. Disconnect the fan cable and remove the cover.
c. Remove the screw.
d. Push the optical device out off the computer at point 7.

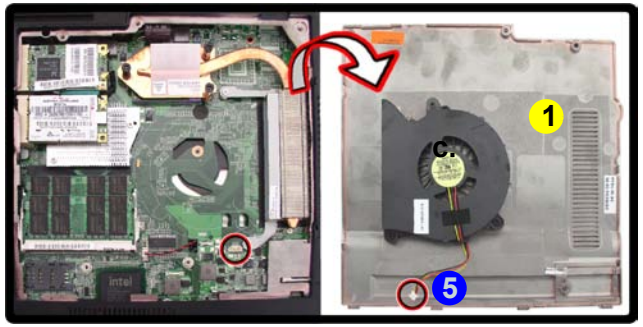
a.



M740T/M740TU

c.

b.



d.

1. Component Bay Cover
8. Optical Device

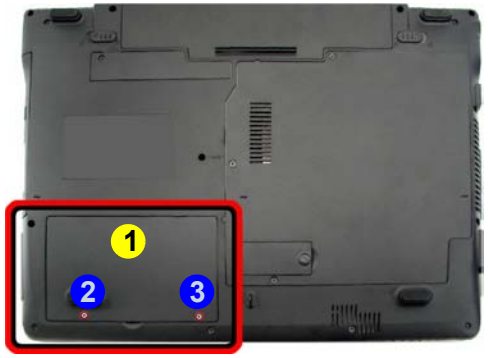
- 4 Screws

Figure 6
Optical Device Removal (cont'd.)

e. Remove the screws.
f. Remove the cover.
g. Remove the screw.
h. Push the optical device out off the computer at point 7.

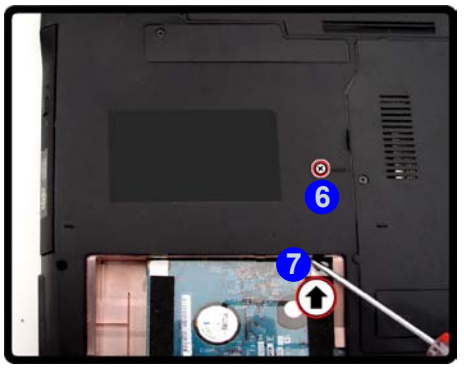
8. **M760T/M760TU:** Locate the hard disk bay cover 1 and loosen screws 2 & 3.
9. Remove the hard disk bay cover 1.
10. Remove the screw at point 6, and use a screwdriver to carefully push out the optical device 8 at point 7.
11. Insert the new device and carefully slide it into the computer (the device only fits one way. DO NOT FORCE IT; The screw holes should line up).
12. Restart the computer to allow it to automatically detect the new device.

e.

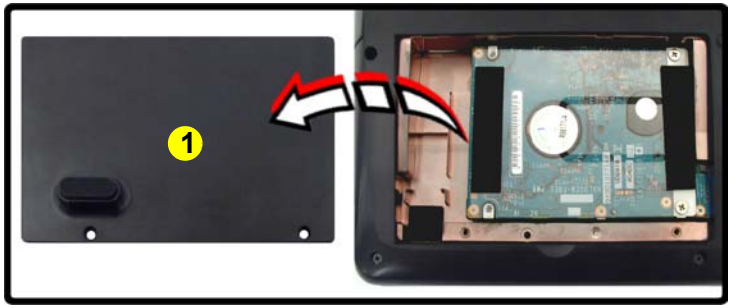


M760T/M760TU

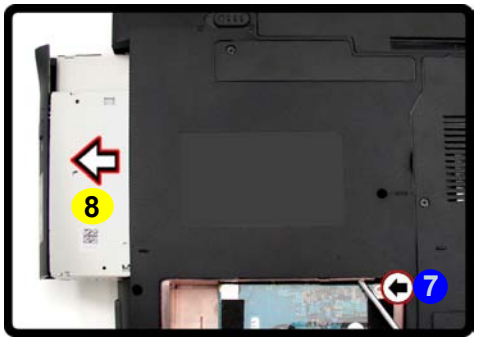
g.



f.



h.



1. HDD Bay Cover
8. Optical Device

- 4 Screws

Removing the System Memory (RAM)

The computer has two memory sockets for 200 pin Small Outline Dual In-line Memory Modules (SO-DIMM) supporting **DDR2** 667/800MHz. The main memory can be expanded up to 4GB. The SO-DIMM modules supported are 1024MB, and 2048MB and **DDRII** Modules. The total memory size is automatically detected by the POST routine once you turn on your computer.

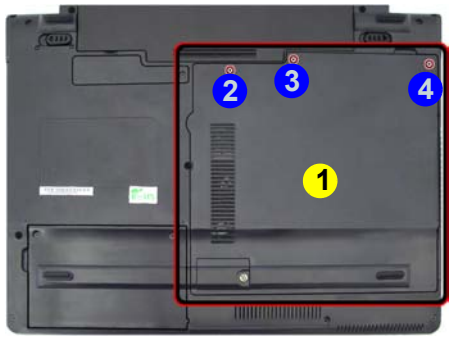
Memory Upgrade Process

1. Turn **off** the computer, remove the battery (***page 2 - 5***).
2. Locate the component bay cover 1, and remove screws 2 - 4.
3. Carefully (**a fan and cable are attached to the under side of the cover**) lift up the bay cover.
4. Carefully disconnect the fan cable 5, and remove the cover 1.

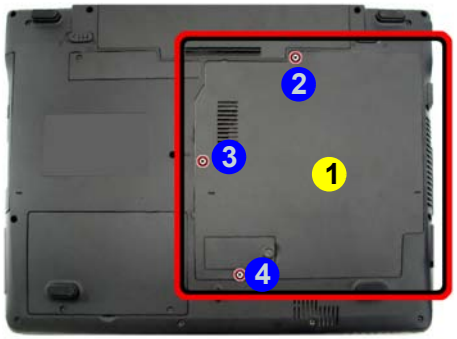
Figure 7
RAM Module Removal

a. Remove the screws.
b. Remove the cover.

a.

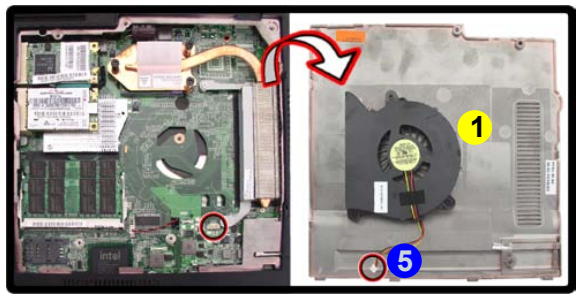


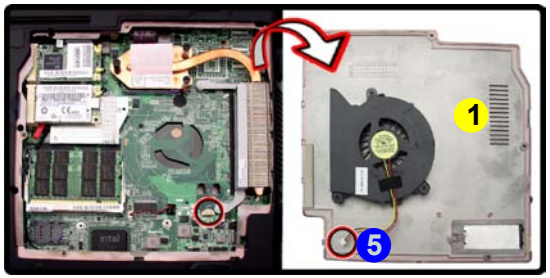
M740T/M740TU



M760T/M760TU

b.





Contact Warning

Be careful not to touch the metal pins on the module's connecting edge. Even the cleanest hands have oils which can attract particles, and degrade the module's performance.

1. Component Bay Cover

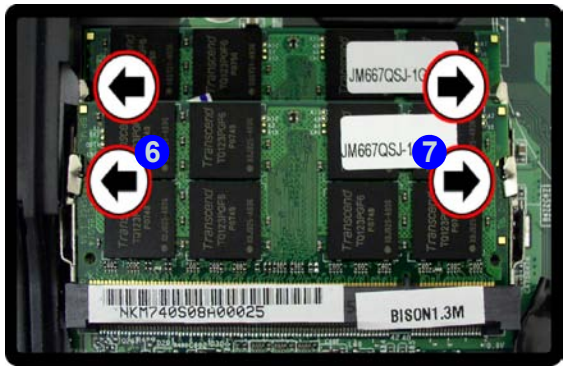
- 3 Screws

Figure 8
RAM Module Removal (cont'd.)

c. Pull the release latch(es).
d. Remove the module(s).
e. Properly re-insert the bay cover pins.

5. Gently pull the two release latches (6 & 7) on the sides of the memory socket in the direction indicated by the arrows (***Figure 8c***).

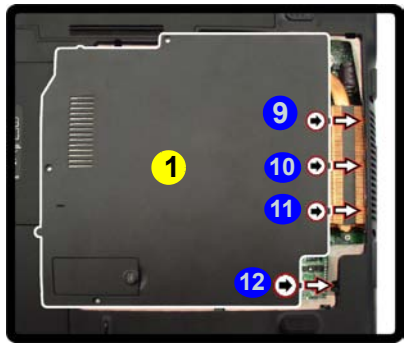
c.



d.

6. The RAM module(s) 8 will pop-up (***Figure 8d***), and you can then remove it.
7. Pull the latches to release the second module if necessary.
8. Insert a new module holding it at about a 30° angle and fit the connectors firmly into the memory slot.
9. The module's pin alignment will allow it to only fit one way. Make sure the module is seated as far into the slot as it will go. DO NOT FORCE the module; it should fit without much pressure.
10. Press the module in and down towards the mainboard until the slot levers click into place to secure the module.
11. Replace the bay cover and screws (**make sure you reconnect the fan cable before screwing down the bay cover**).
    Note for **M760T/M760TU** computers that there are four 9 - 12 cover pins which need to be aligned with slots in the case, to insure a proper cover fit, before screwing down the bay cover 1.

e.



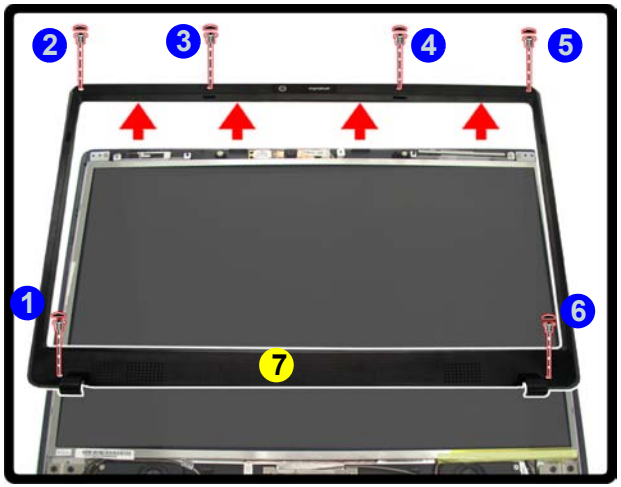
12. Restart the computer to allow the BIOS to register the new memory configuration as it starts up.

8. RAM Module(s)

Removing the Inverter Board

1. Turn **off** the computer, and remove the battery (*page 2 - 5*).
2. Remove any rubber covers, screws 1 - 6 (*Figure 9a*), then run your finger around the middle of the frame to carefully unsnap the LCD front panel module 7 from the back.
3. Discharge the remaining system power (see *"Inverter Power Warning"* below).
4. Remove screw 8 (*Figure 9b*) from the inverter, and carefully lift the inverter board up slightly.
5. Disconnect cables 9 & 10 (*Figure 9c*) from the inverter, then remove the inverter 11 (*Figure 9d*) from the top case assembly.

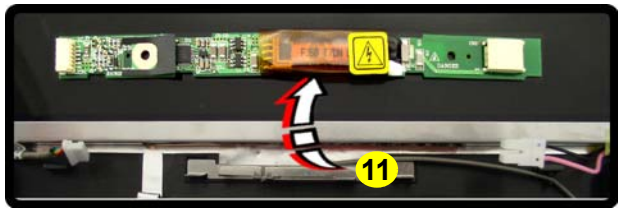
a.



b.

c.

d.



Inverter Power Warning

In order to prevent a short circuit when removing the inverter it is necessary to discharge any remaining system power. To do so, press the computer's power button for a few seconds before disconnecting the inverter cable.

Figure 9
Inverter Board Removal

a. Remove the 6 screws and unsnap the LCD front panel module from the back.
b. Remove the screw and discharge the remaining power from the inverter board and lift the board up slightly.
c. Disconnect the cables from the inverter.
d. Remove the inverter.

7. LCD Front Panel
11. Inverter Board

- 6 Screws

Removing and Installing the Processor

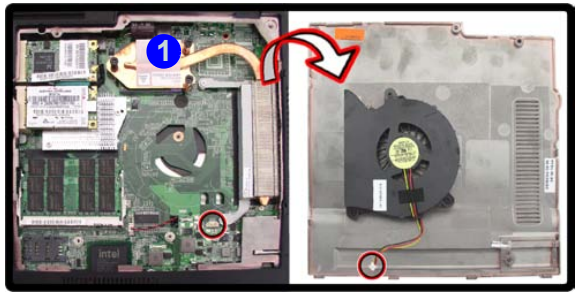
Processor Removal Procedure

1. Turn **off** the computer, remove the battery (*page 2 - 5*) and the component bay cover (*page 2 - 11*).
2. The CPU heat sink will be visible at point 1 on the mainboard.
3. Remove screws 2 - 4 (*Figure 10b*) from the heat sink in the order indicated.
4. Carefully lift up the heat sink 5 (*Figure 10c*) off the computer.

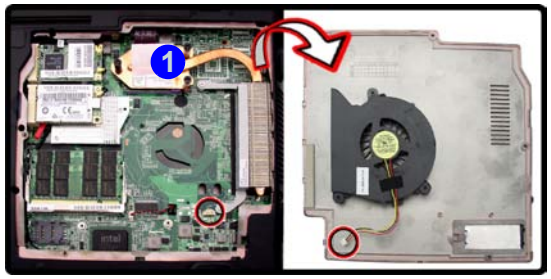
Figure 10
Processor Removal

a. Remove the cover and locate the heat sink.
b. Remove the screws in the order indicated.
c. Remove the heat sink.

a.

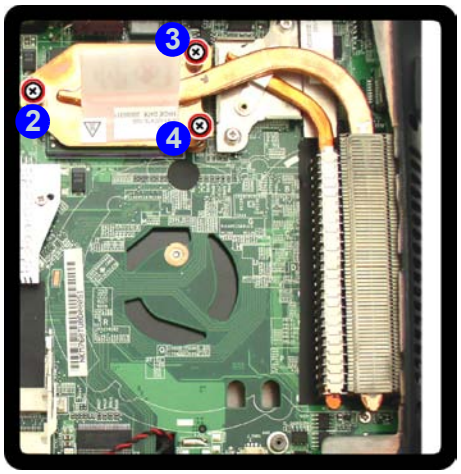


M740T/M740TU

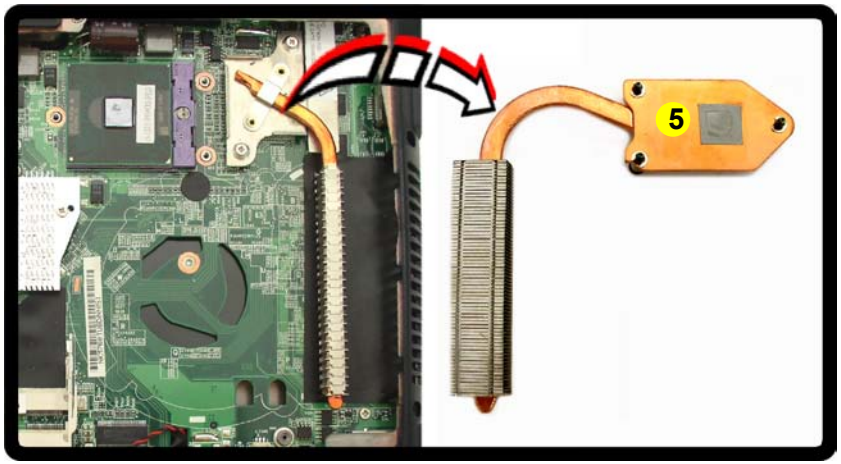


M760T/M760TU

b.



c.



5. Heat Sink

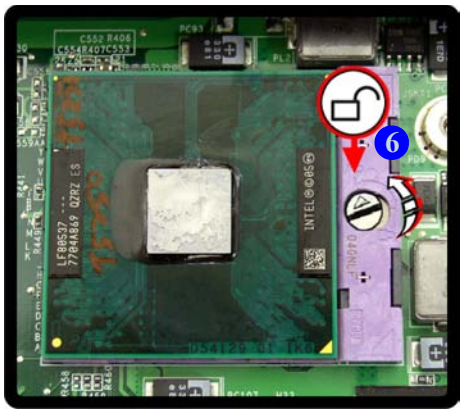
- 3 Screws

5. Turn the release latch 6 towards the unlock symbol, to release the CPU (*Figure 11a*).
6. Carefully (it may be hot) lift the CPU 7 up out of the socket (*Figure 11b*).
7. See *page 2 - 16* for information on inserting a new CPU.
8. When re-inserting the CPU, pay careful attention to the pin alignment, it will fit only one way (DO NOT FORCE IT!).

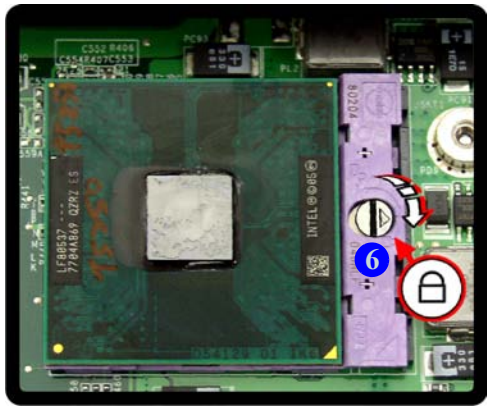
Figure 11
Processor Removal (cont'd)

d. Turn the release latch to unlock the CPU.
e. Lift the CPU out of the socket.

d.

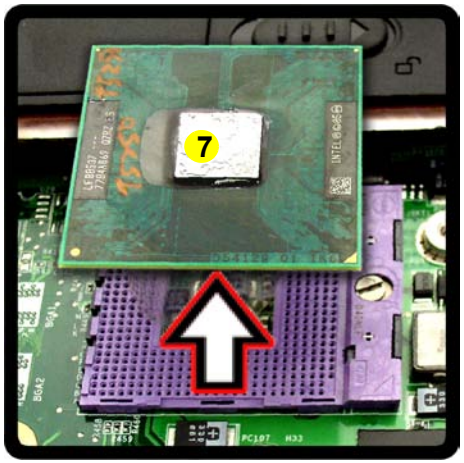


Unlock



Lock

e.



Caution

The heat sink, and CPU area in general, contains parts which are subject to high temperatures. Allow the area time to cool before removing these parts.

7. CPU

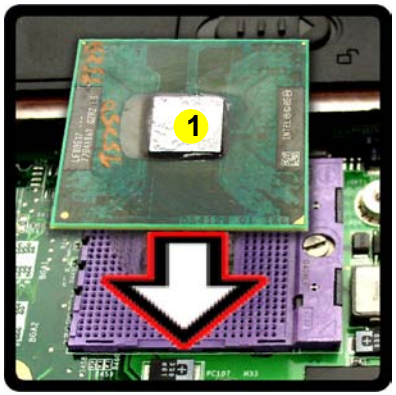
Figure 12
Processor Installation

a. Insert the CPU.
b. Turn the release latch towards the lock symbol.
c. Remove the sticker from the heat sink and insert the heat sink.
d. Tighten the screws.

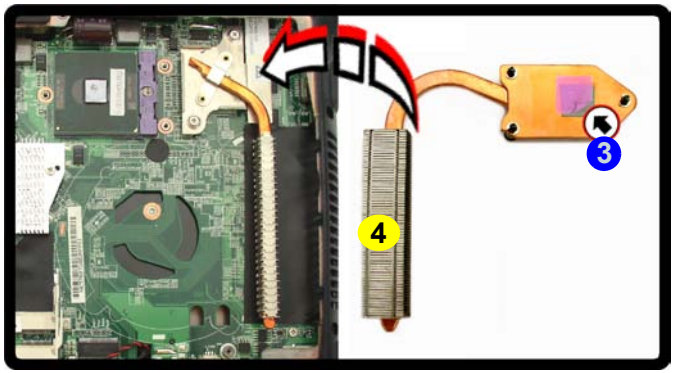
Processor Installation Procedure

1. Insert the CPU 1, pay careful attention to the pin alignment, it will fit only one way (DO NOT FORCE IT!), and turn the release latch 2 towards the lock symbol (***Figure 12b***).
2. **Remove the sticker** 3 (***Figure 12c***) from the heat sink.
3. Insert the heat sink 4 as indicated in ***Figure 12c***.
4. Tighten screws 5 - 7 in the order indicated on the label.
5. Replace the component bay cover and tighten the screws (***page 2 - 14***).

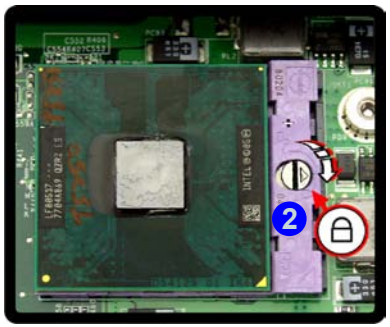
a.



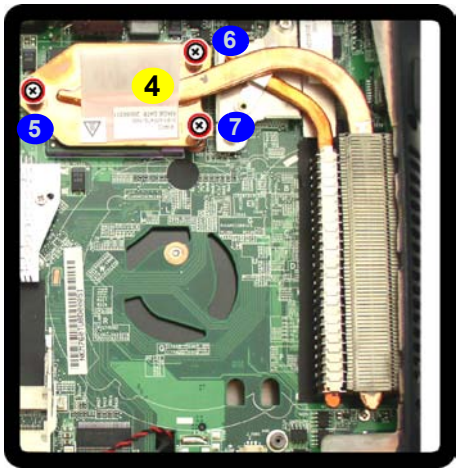
c.



b.



d.



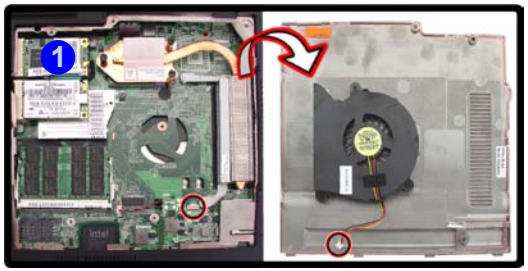
1. CPU
4. Heat Sink

- 3 Screws

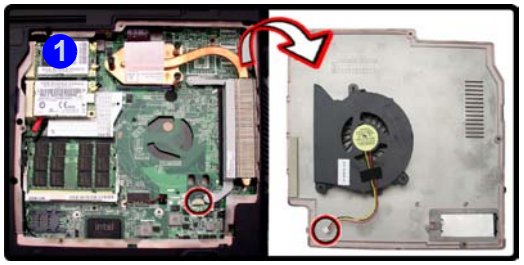
Removing the Wireless LAN Module

1. Turn **off** the computer, remove the battery (*page 2 - 5*) and the component bay cover (*page 2 - 11*).
2. The Wireless LAN module will be visible at point 1 on the mainboard.
3. Carefully disconnect cables 2 - 3, then remove screw 4 from the module socket.
4. The Wireless LAN module 5 will pop-up.
5. Lift the Wireless LAN module (*Figure 13d*) up and off the computer.

a. **M740T/M740TU**



M760T/M760TU



b.

c.

d.

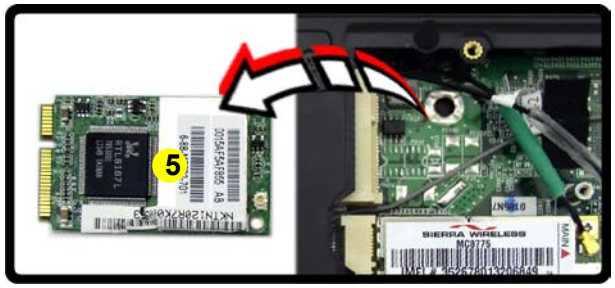


Figure 13
Wireless LAN Module Removal

a. Remove the cover.
b. Disconnect the cable and remove the screw.
c. The WLAN module will pop up.
d. Lift the WLAN module out.

Note: Make sure you reconnect the antenna cable to "1" + "2" socket (*Figure b*).

5. WLAN Module.

- 1 Screw

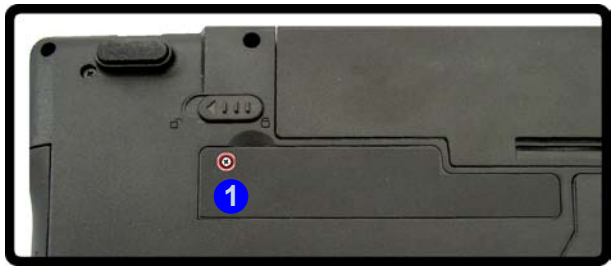
Figure 14
Bluetooth Module Removal

a. Remove the screw.
b. Lfit the cover and remove the screw.
c. Disconnect the cable and the connector.
d. Lift the Bluetooth module up off the socket.

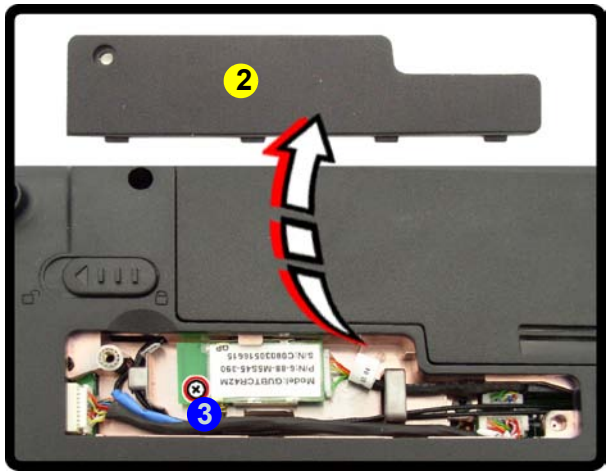
Removing the Bluetooth Module

1. Turn **off** the computer, remove the battery (*page 2 - 5*).
2. Locate the Bluetooth bay cover, and remove the screw 1 and cover 2.
3. Remove the screw 3 and turn the module over.
4. Carefully separate the Bluetooth module from the connector 4 and disconnect the cable 5.
5. Lift the Bluetooth module 6 (*Figure 14c*) up and off the computer.

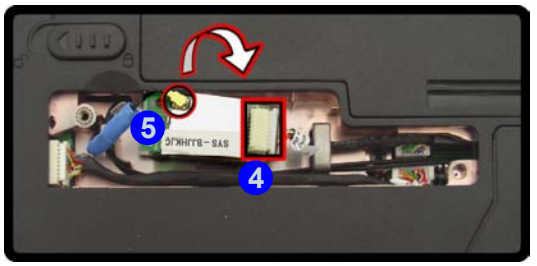
a.



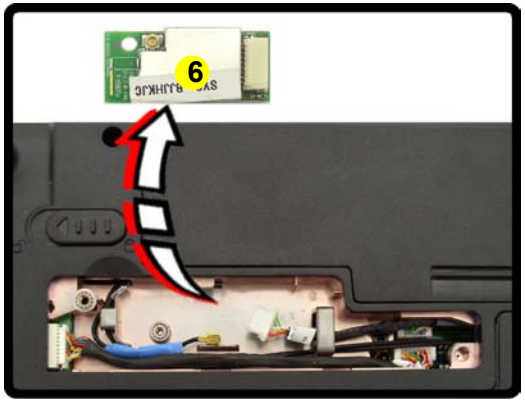
b.



c.



d.



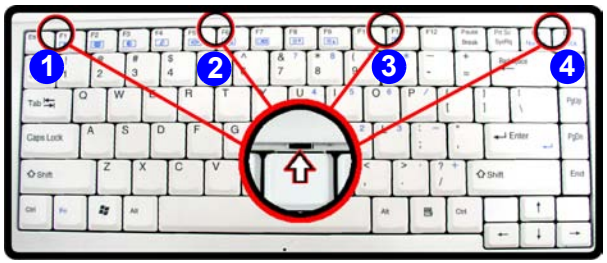
2. Cover
6. Bluetooth Module

- 2 Screws

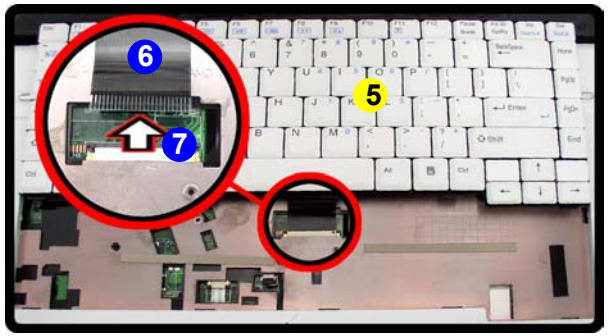
Removing the Keyboard

1. Turn **off** the computer, and remove the battery (*page 2 - 5*).
2. Press the **four** keyboard latches at the top of the keyboard to elevate the keyboard from its normal position (you may need to use a small screwdriver to do this).
3. Carefully lift the keyboard 5 up, being careful not to bend the keyboard ribbon cable (*Figure 15b*).
4. Disconnect the keyboard ribbon cable 6 from the locking collar socket 7.

a.



b.



c.

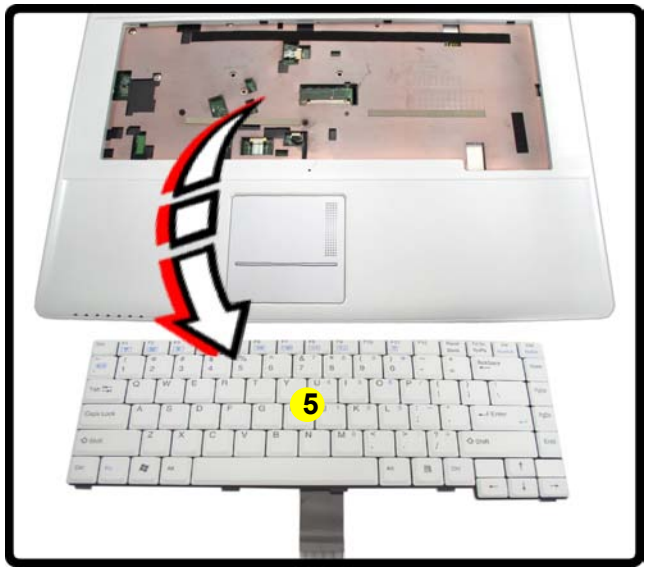


Figure 15
Keyboard Removal

a. Press the four latches to release the keyboard.
b. Lift the keyboard up and disconnect the cable from the locking collar.
c. Remove the keyboard.

Re-Inserting the Keyboard

When re-inserting the keyboard firstly align the **four** keyboard tabs at the bottom of the keyboard with the slots in the case.

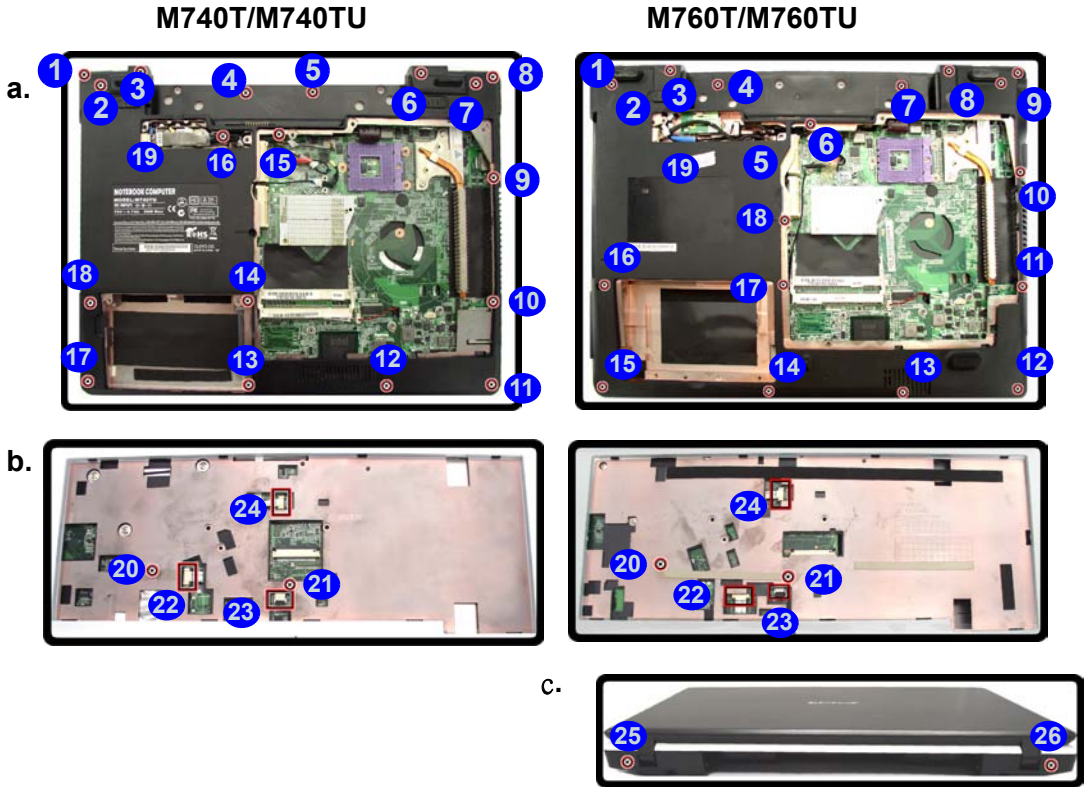
5. Keyboard

Removing the Modem

Figure 16
Modem Removal

a. Remove the screws and diconnect the cable.
b. Turn the computer over, remove the screws and disconnect the cable.
c. Remove the screws.

1. Turn **off** the computer, remove the battery (***page 2 - 5***), HDD (***page 2 - 6***), component bay cover (***page 2 - 11***), optical device (***page 2 - 9***), CPU (***page 2 - 14***), bluetooth (***page 2 - 18***) and keyboard (***page 2 - 19***).
2. Remove screws 1 - 18 from the bottom case and carefully disconnect the cable 19 from the mainboard (***Figure 17a***).
3. Turn the computer over, remove screws 20 - 21 and disconnect cables 22 - 24 (***Figure 17b***).
4. **For M760T/M760TU only** - remove screws 25 - 26 (***Figure 17c***) from the rear of the computer.

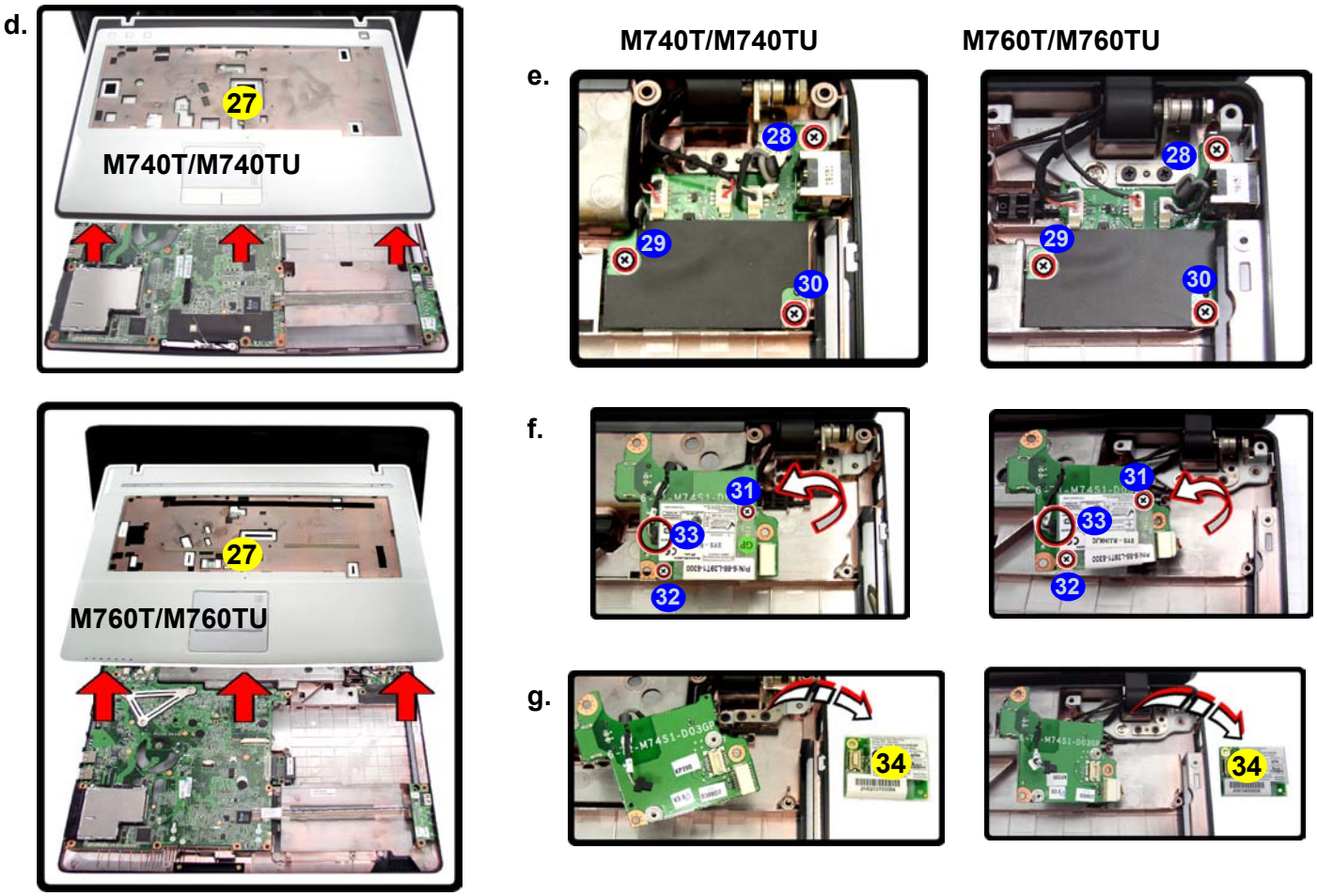


- 20 Screws (M740T/ M740TU)/ 22 Screws (M760T/ M760TU)

5. Carefully lift the top case 27 up and off the computer (*Figure 17d*).
6. Remove screws 28 - 30 (*Figure 17e*) from the computer.
7. Remove screws 31 - 32 (*Figure 17f*) from the modem module.
8. Lift the modem up and separate the modem from the connector 33.
9. Lift the modem 34 off the computer.

Figure 17
Modem Removal (cont'd.)

d. Lift the cover off the computer.
e. Remove the screws.
f. Remove the screws and disconnect the connector.
g. Lift the modem out.



27. Top Case
34. Modem

- 5 Screws (M740T/M740TU/M760T/M760TU)

Appendix A: Part Lists

This appendix breaks down the ***M740T/M740TU/M760T/M760TU*** series notebook's construction into a series of illustrations. The component part numbers are indicated in the tables opposite the drawings.

Note: This section indicates the *manufacturer's* part numbers. Your organization may use a different system, so be sure to cross-check any relevant documentation.

Note: Some assemblies may have parts in common (especially screws). However, the part lists DO NOT indicate the total number of duplicated parts used.

Note: Be sure to check any update notices. The parts shown in these illustrations are appropriate for the system at the time of publication. Over the product life, some parts may be improved or re-configured, resulting in *new* part numbers.

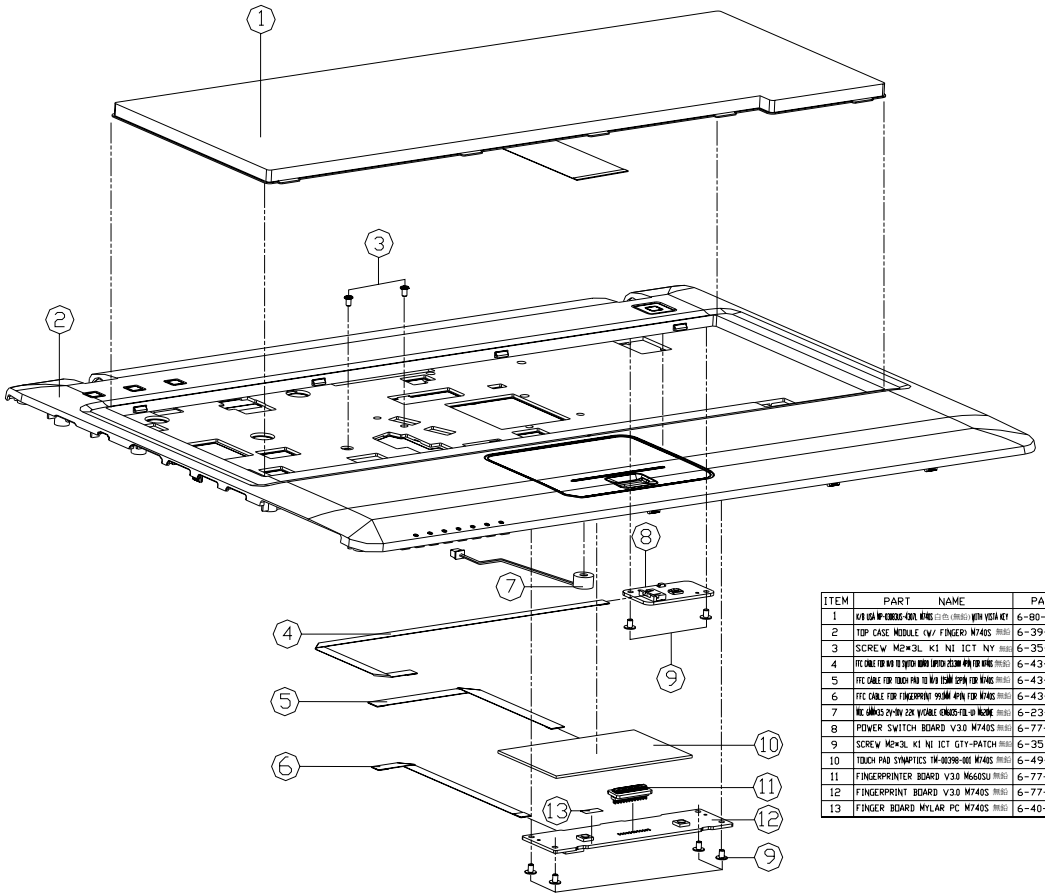
Part List Illustration Location

The following table indicates where to find the appropriate part list illustration.

Table A- 1
Part List Illustration Location

Parts	M740T	M740TU	M760T	M760TU
Top with Fingerprint	*page A - 3*		*page A - 11*	
Top without Fingerprint	*page A - 4*		*page A - 12*	
Bottom	*page A - 5*	*page A - 6*	*page A - 13*	*page A - 14*
LCD	*page A - 7*		*page A - 15*	
HDD	*page A - 8*		*page A - 16*	
COMBO	*page A - 9*		*page A - 17*	
DVD-Dual Drive	*page A - 10*		*page A - 18*	

Top with Fingerprint (M740T/M740TU)

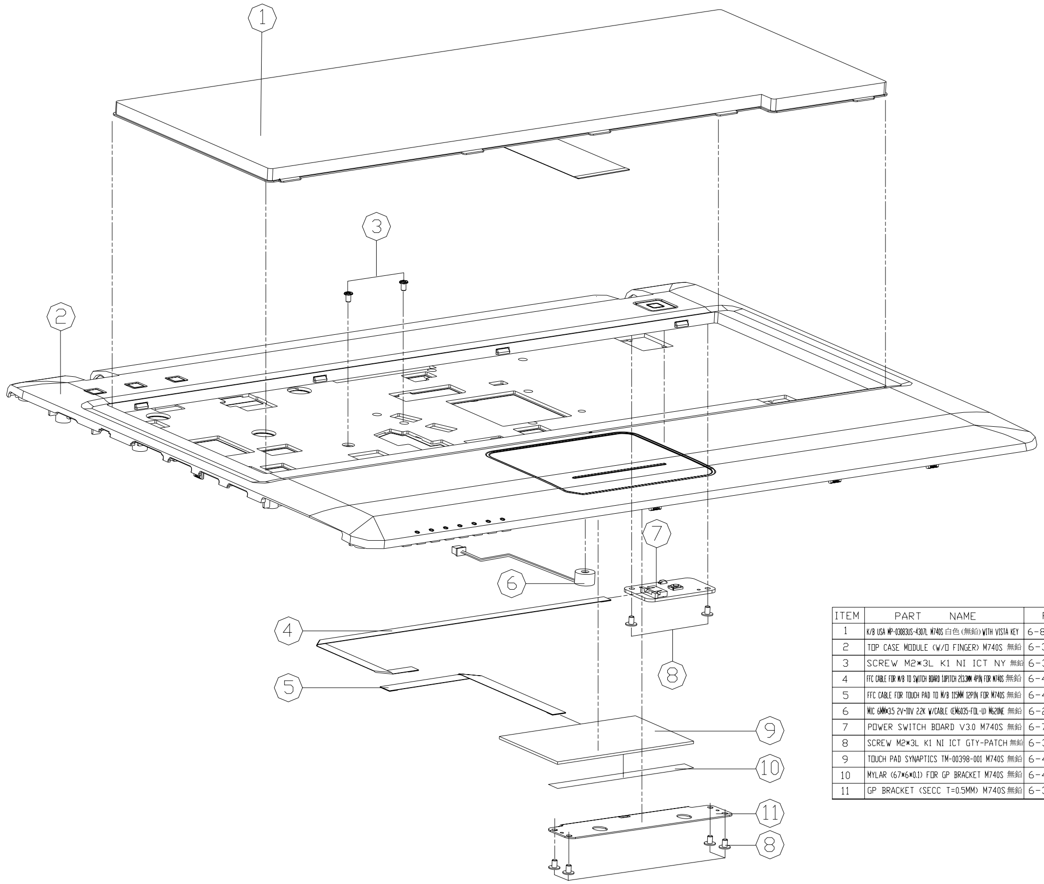


ITEM	PART NAME	PART NO	REMARK
1	[illegible] WITH VISTA KEY	6-80-M74S0-011-1	
2	TOP CASE MODULE (W/ FINGER) M740S	6-39-M74S2-114	
3	SCREW M2*3L K1 NI ICT NY	6-35-B1120-3RA	
4	[illegible]	6-43-M74S0-030	
5	[illegible]	6-43-M74S0-040	
6	[illegible]	6-43-M74SF-010	
7	[illegible]	6-23-EM62E-010	
8	POWER SWITCH BOARD V3.0 M740S	6-77-M74SS-D03	
9	SCREW M2*3L K1 NI ICT GTY-PATCH	6-35-B1120-3RE	
10	TOUCH PAD SYNAPTICS TM-00398-001 M740S	6-49-M74S2-010	
11	FINGERPRINTER BOARD V3.0 M660SU	6-77-M66UF-D03	
12	FINGERPRINT BOARD V3.0 M740S	6-77-M74SF-D03	
13	FINGER BOARD MYLAR PC M740S	6-40-M74SS-070	

Figure A - 1
Top with Fingerprint (M740T/M740TU)

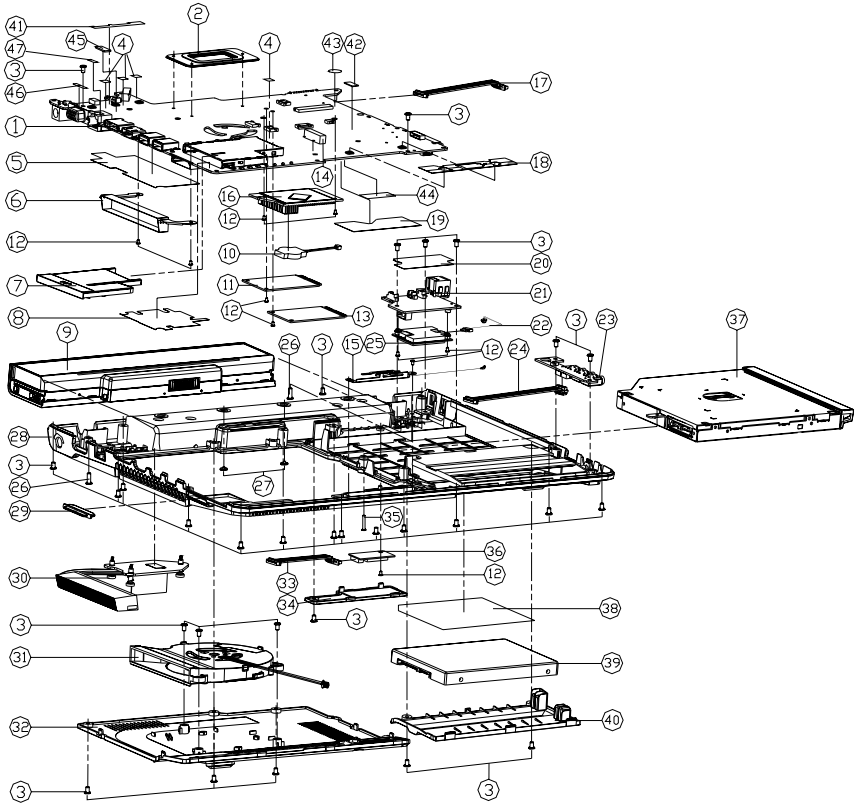
Top without Fingerprint (M740T/M740TU)

Figure A - 2
Top without Fingerprint (M740T/M740TU)



ITEM	PART NAME	PART NO	REMARK
1	K/B USA MP-03083US-4307L M740S 白色 (無鉛) WITH VISTA KEY	6-80-M74S0-011-1	
2	TOP CASE MODULE (W/O FINGER) M740S 無鉛	6-39-M74S2-014	
3	SCREW M2*3L K1 NI ICT NY 無鉛	6-35-B1120-3RA	
4	FFC CABLE FOR M/B TO SWITCH BOARD 1.0PITCH 213.3MM 4PIN FOR M740S 無鉛	6-43-M74S0-030	
5	FFC CABLE FOR TOUCH PAD TO M/B 115MM 12PIN FOR M740S 無鉛	6-43-M74S0-040	
6	MIC 6MM*3.5 2V~10V 2.2K W/CABLE (EM6035-FOL-U) M620NE 無鉛	6-23-EM62E-010	
7	POWER SWITCH BOARD V3.0 M740S 無鉛	6-77-M74SS-D03	
8	SCREW M2*3L K1 NI ICT GTY-PATCH 無鉛	6-35-B1120-3RE	
9	TOUCH PAD SYNAPTICS TM-00398-001 M740S 無鉛	6-49-M74S2-010	
10	MYLAR (67*6*0.1) FOR GP BRACKET M740S 無鉛	6-40-M74S2-060	
11	GP BRACKET (SECC T=0.5MM) M740S 無鉛	6-33-M74S2-010	

Bottom (M740T)

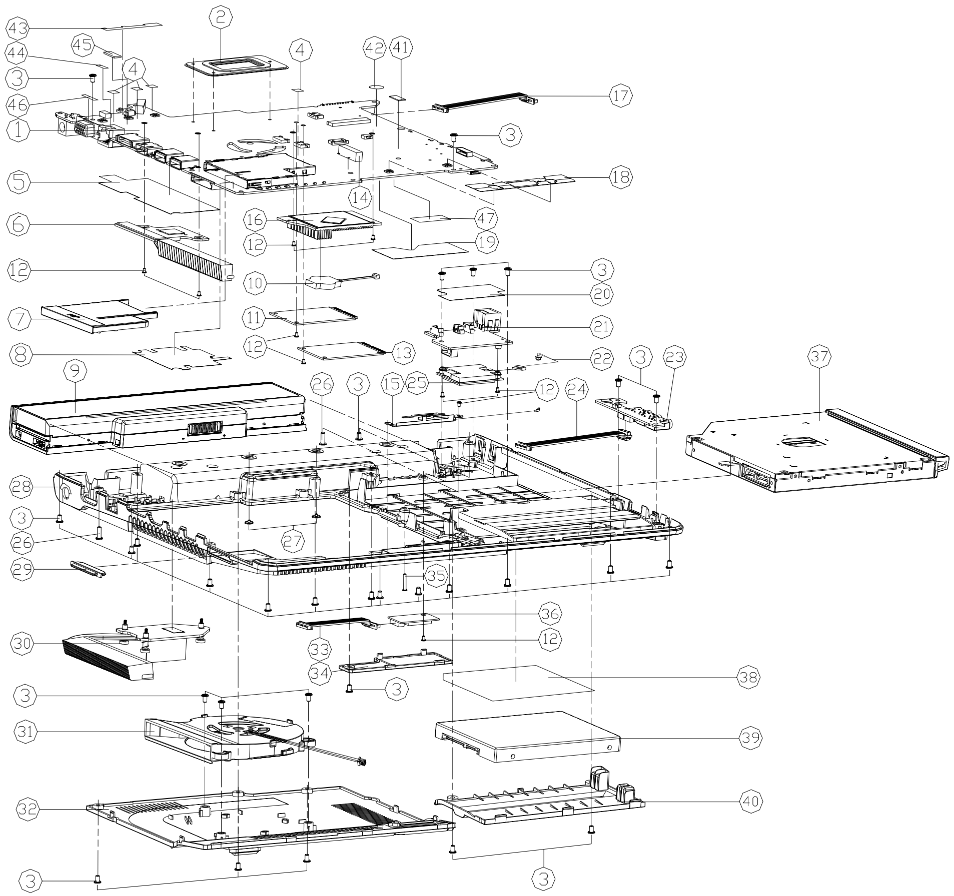


ITEM	PART NAME	PART NO	REMARK
1	MAIN BOARD V30B (W/3G) M740T	6-77-M74T0-D03B	
1	MAIN BOARD V30B (W/O 3G) M740T	6-77-M74T0-D03B-1	
2	CPU SUPPORT BRACKET SUS 430K(D) M550N	6-33-M55NS-022	
3	SCREW M2.5*5L KI BK/Z ICT NY	6-35-B6125-5RA	
4	PROTECT MB MYLAR FR83 M740S	6-40-M74SS-020	
5	HEAT SINK MYLAR FR83 M740S	6-40-M74SN-011	
6	FAN AIR DUCT AL M740T	6-33-M74T3-011	
7	DUMMY NEW CARD PC+ABS TN120R	6-42-T12R3-011	
8	NEW CARD MYLAR FR83 M740T	6-40-M74T3-010	
9	[illegible]	6-87-M66NS-453	(OPTION)
9	BATT S LI 11.1V/72Wh 3S3P SMP/PANASONIC	6-87-M74SS-4CA	(OPTION)
9	BATT S LI 11.1V/44Wh 3S2P GLW/PANASONIC	6-87-M6E6S-454	(OPTION)
9	BATT S LI 11.1V/44Wh 3S2P SMP/SAMSUNG 9C	6-87-M6E6S-4B4	(OPTION)
9	BATT S LI 11.1V/4Wh 3S2P GLW/PANASONIC 7Z	6-87-M660S-453	(OPTION)
9	BATT S LI 11.1V/4.4Wh 3S2P SMP/BAK-2200 9	6-87-M660S-4P4	(OPTION)
9	[illegible]	6-87-M66NS-4C3	(OPTION)
10	[illegible]	6-23-22015-P2C	
11	[illegible]	6-88-M5SS2-7000	(OPTION)
11	[illegible]	6-88-M72T2-4210	(OPTION)
11	[illegible]	6-88-M72T2-4240	(OPTION)
12	SCREW M2*3L KI NI ICT NY	6-35-B1120-3RA	
13	[illegible]	6-88-M72SW-720	(OPTION)
14	TOUCH PAD SPONGE (20*5*4) CR M740S	6-47-0019A-209	
15	[illegible]	6-23-7M74T-010	
16	NORTH BRIDGE HEAT SINK AL M740T	6-31-M74TN-011	
17	[illegible]	6-43-M74S0-010	
18	FINGER BOARD MYLAR FR83 M740S	6-40-M74SS-011	
19	DDR RAM MYLAR FR83 M740T	6-40-M74TS-010	
20	MDC MYLAR FR83 M740S	6-40-M74SU-010	
21	MULTI I/O BOARD V30 M740S	6-77-M74S1-D03	
22	[illegible]	6-43-M74SU-010	
23	PHONE JACK & USB BOARD V30A M740S	6-77-M74SA-D03A	
24	[illegible]	6-43-M74S0-021	
25	[illegible]	6-88-L39T1-5300	(OPTION)
26	SCREW M2.5*4L KI BK/Z NY ICT	6-35-B6125-8R0	
27	SCREW M2*4L KI BK/Z ICT NY(W0.7+1.6)	6-35-B6120-2RE	
28	BOTTOM CASE MODULE M740S	6-39-M74S3-013	
29	M520G CARD READER RUBBER	6-47-M52G8-010	
30	CPU THERMAL MODULE AL M740T	6-31-M74TS-100	
31	FAN MODULE M740S	6-31-M74SS-101	
32	CPU COVER MODULE M740S	6-42-M74SS-102	
33	[illegible]	6-43-M74SB-010	(OPTION)
34	BLUETOOTH COVER PC+ABS(CM6340) M740S	6-42-M74SB-010	
35	SCREW M2*10L KI BK/Z ICT NY	6-35-B6120-100	
36	[illegible]	6-88-M5S45-620	(OPTION)
36	[illegible]	6-88-M5S45-390	(OPTION)
37	SATA DVD SUPER MULTI ASSY (OPTION) M740T	6-79-M740T000-000	(OPTION)
37	SATA DVD COMBO ASSY(OPTION) M740T	6-79-M740T00X-010	(OPTION)
38	PRODUCT LABEL FOR M740T	6-45-M74T3-010	
38	PRODUCT LABEL M741T	6-45-M741T-010	
38	PRODUCT LABEL FOR M745T	6-45-M745T-010	
38	PRODUCT LABEL FOR M746T	6-45-M746T-010	
39	W/O HDD ASS'Y M740S	6-79-M740S00J-010	
40	HDD COVER MODULE M740S	6-42-M74SJ-102	
41	[illegible]	6-40-M74SS-060	
42	MIC MYLAR(FR83+TERADKA75UF) M740S	6-40-M74SS-030	
43	MYLAR DIO FR83 M760S	6-40-M76S0-010	
44	TAPE MYLAR (A),MYLAR M550J	6-40-M55J2-010	
45	MB TOP RUBBER SILICONE M740T	6-47-M74TS-030	
46	E-STAT[illegible](5*5*0.35T) FOR M/B M740T	6-47-M74TS-010	
47	HDM[illegible](10*4*5*0.35T) FOR M/B M740T	6-47-M74TS-020	

Figure A - 3
Bottom (M740T)

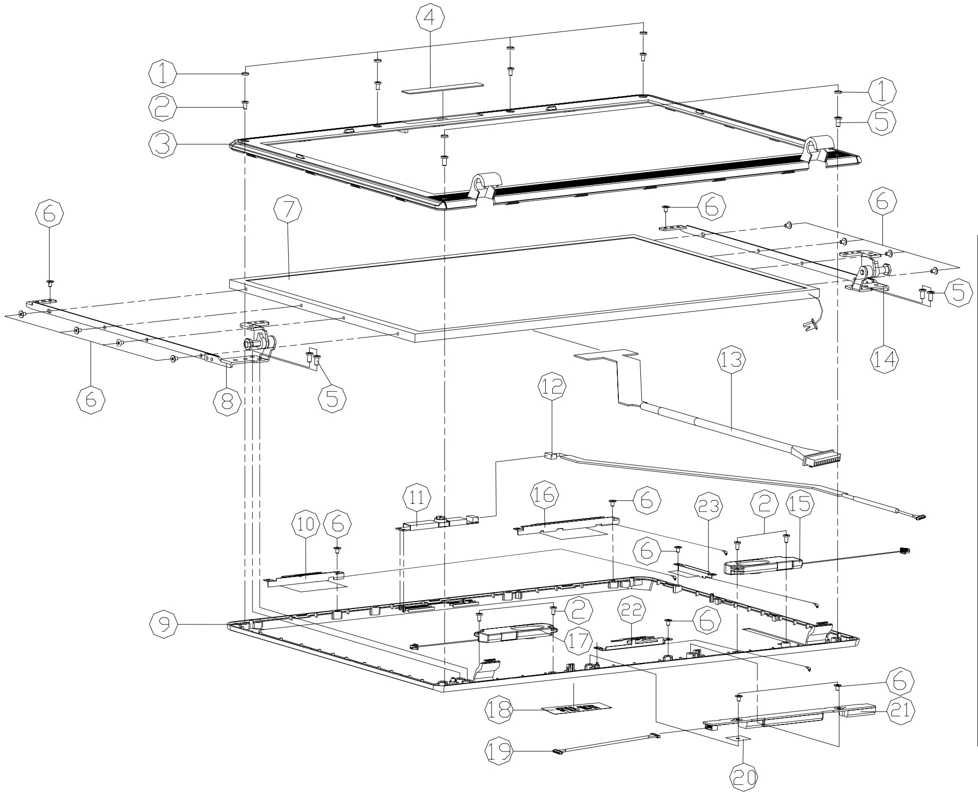
Bottom (M740TU)

Figure A - 4
Bottom (M740TU)



ITEM	PART NAME	PART NO	REMARK
1	MAIN BOARD V3.0B (W/O 3G) M740TU 無鉛	6-77-M74T0-D03B-1U	
1	MAIN BOARD V3.0B (W/3G) M740TU 無鉛	6-77-M74T0-D03B-U	
2	CPU SUPPORT BRACKET SUS 430(C/D) M550N 無鉛	6-33-M55NS-022	
3	SCREW M2.5*5L KI BK/Z ICT NY-無鉛	6-35-B6125-5RA	
4	PROTECT MB MYLAR FR83 M740S 無鉛	6-40-M74SS-020	
5	HEAT SINK MYLAR FR83 M740S 無鉛	6-40-M74SN-011	
6	VGA THERMAL MODULE AL M740TU 無鉛	6-31-M740N-100	
7	DUMMY NEW CARD PC+ABS TN120R 無鉛	6-42-T12R3-011	
8	NEW CARD MYLAR FR83 M740T 無鉛	6-40-M74T3-010	
9	BAT(外),S,LI, 4.0AH,3S2P,FOR M660N,GLW /PANASONIC CELL(6 CELLS) 無鉛	6-87-M66NS-453	(OPTION)
9	BAT.P S LI 10.8V/7.2AH 3S3P SMP/PANASONIC 無鉛	6-87-M74SS-4CA	(OPTION)
9	BAT.P S LI 10.8V/4.4AH 3S2P GLW/PANASONIC 無鉛	6-87-M6E6S-454	(OPTION)
9	BAT.P S LI 10.8V/4AH 3S2P GLW/PANASONIC 72 無鉛	6-87-M660S-453	(OPTION)
9	BAT.P S LI 11.1V/4.4AH 3S2P SMP/BAK-2200 9 無鉛	6-87-M660S-4P4	(OPTION)
9	BAT(外),S,LI, 4.0AH,3S2P,FOR M660N,SMP /PAN 無鉛	6-87-M66NS-4C3	(OPTION)
10	BAT. 20MM 3V 210MAH W/CABLE 56MM CR2032C1- BAT. 20MM 3V 210MAH W/CABLE 56MM CR2032C1-LF-MITSUBISHI 無鉛	6-23-22015-P2C	
11	WLAN 802.11BG AW-GU702海華 MINI-CARD USB RTL8187B WITH POWER SAVING 無鉛	6-88-M5SS2-7000	(OPTION)
11	WLAN 802.11A+G+N INTEL SHIRLEY PEAK (WIFI LINK 5300) 3X3 MINI-CARD PCI-E (全卡) MOW 無鉛	6-88-M72T2-4210	(OPTION)
11	WLAN 802.11A+G+N INTEL SHIRLEY PEAK 1X2 MINI-CARD PCI-E (全卡) FOR MOW 無鉛	6-88-M72T2-4240	(OPTION)
12	SCREW M2*3L K1 NI ICT NY 無鉛	6-35-B1120-3RA	
13	WCDMA HSDPA MC8775 SIERRAWIRELESS MIN-CARD USB 3.5G 無鉛	6-88-M72SW-720	(OPTION)
14	TOUCH PAD SPONGE (20*5*6) CR M740S 無鉛	6-47-0019A-209	
15	ANTENNA WIMAX 2.4G/3.7G/5G PIFA WM2 270MM 無鉛	6-23-7M74T-010	
16	NORTH BRIDGE HEAT SINK AL M740T 無鉛	6-31-M74TN-011	
17	WIRE CABLE 16PIN M/B TO MULTI BOARD FOR M740S 無鉛	6-43-M74S0-010	
18	FINGER BOARD MYLAR FR83 M740S 無鉛	6-40-M74SS-011	
19	DDR RAM MYLAR FR83 M740T 無鉛	6-40-M74TS-010	
20	MDC MYLAR FR83 M740S 無鉛	6-40-M74SU-010	
21	MULTI I/O BOARD V3.0 M740S 無鉛	6-77-M74S1-D03	
22	WIRE CABLE 2PIN MULTI BOARD TO MDC MODULE FOR M740S 無鉛	6-43-M74SU-010	
23	PHONE JACK & USB BOARD V3.0A M740S 無鉛	6-77-M74SA-D03A	
24	WIRE CABLE 13PIN M/B TO AUDIO BOARD FOR M740S 無鉛	6-43-M74S0-021	
25	MODEM AZALIA+AC97 ML3054(2.01) 凱碩 MDC 12 PIN MOTOROLA (LOW POWER) L390T 無鉛	6-88-L39T1-5300	(OPTION)
26	SCREW M2.5*8L KI BK/Z NY ICT 無鉛	6-35-B6125-8R0	
27	SCREW M2*2L KI BK/Z ICT NY(ø8,T=0.6) 無鉛	6-35-B6120-2RE	
28	BOTTOM CASE MODULE M740S 無鉛	6-39-M74S3-013	
29	M520G CARD READER RUBBER 無鉛	6-47-M52G8-010	
30	CPU THERMAL MODULE AL M740T 無鉛	6-31-M74TS-100	
31	FAN MODULE M740S 無鉛	6-31-M74SS-101	
32	CPU COVER MODULE M740S 無鉛	6-42-M74SS-102	
33	WIRE CABLE 6PIN M/B TO 8PIN BLUETOOTH MODULE FOR M740S 無鉛	6-43-M74SB-010	(OPTION)
34	BLUETOOTH COVER PC+ABS(CM6140) M740S 無鉛	6-42-M74SB-010	
35	SCREW M2*10L KI BK/Z ICT NY 無鉛	6-35-B6120-100	
36	BLUETOOTH V2.0 QBTM300 (N6) QCOM 8 PIN USB 無鉛	6-88-M5S45-620	(OPTION)
36	BLUETOOTH V2.0 GUBTCR42M-NS-藍天3 互億8 PIN U 無鉛	6-88-M5S45-390	(OPTION)
37	SATA DVD SUPER MULTI ASS'Y (OPTION) M740T 無鉛	6-79-M740T00Q-000	(OPTION)
37	SATA DVD COMBO ASS'Y(OPTION) M740T 無鉛	6-79-M740T00X-000	(OPTION)
38	PRODUCT LABEL FOR M740TU 無鉛	6-45-M7403-010	
39	W/O HDD ASS'Y M740S 無鉛	6-79-M740S00J-010	
40	HDD COVER MODULE M740S 無鉛	6-42-M74SJ-102	
41	MIC MYLAR(FR83+TERAOKA750F) M740S 無鉛	6-40-M74SS-030	
42	MYLAR D10 FR83 M760S 無鉛	6-40-M76S0-010	
43	HOTKEY MYLAR FOR MB (FR83+TERAOKA 750F) M740S 無鉛	6-40-M74SS-060	
44	HDMI 導電布 (10*W5*0.35T) FOR M/B M740T 無鉛	6-47-M74TS-020	
45	MB TOP RUBBER SILICONE M740T 無鉛	6-47-M74TS-030	
46	E-STAT 導電布(15*5*0.35T) FOR M/B M740T 無鉛	6-47-M74TS-010	
47	TAPE MYLAR (A),MYLAR M550J 無鉛	6-40-M55J2-010	

LCD (M740T/M740TU)

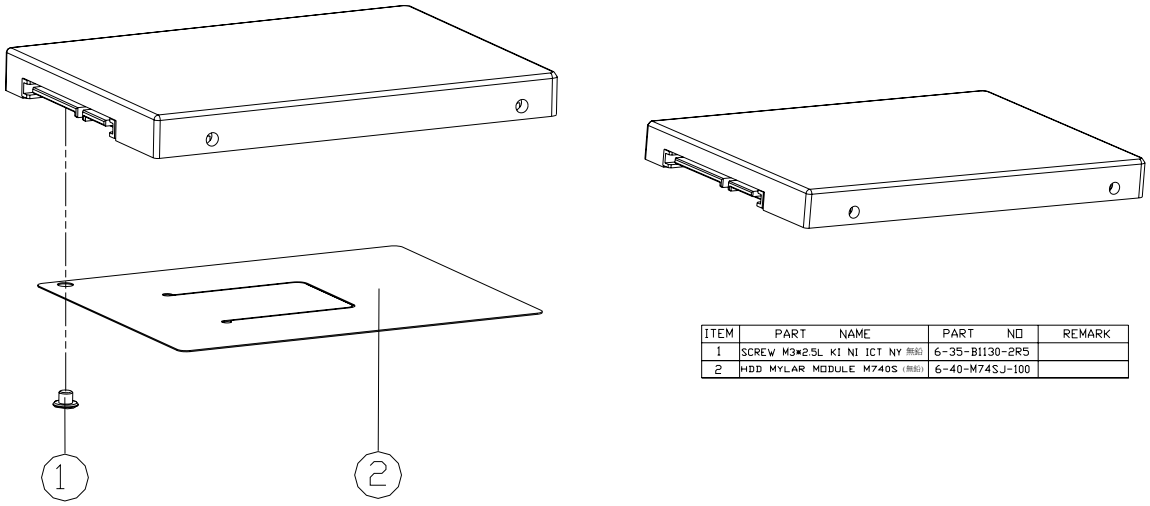


ITEM	PART NAME	PART NO	REMARK
1	LCD FRONT COVER SCREW HOLE RUBBER M720S 無鉛	6-47-M72S1-021	
2	SCREW M2*4L I BZ ICT GTY-PATCH (T=0.8 D=4) 無鉛	6-35-C6120-4RB	
3	LCD FRONT COVER MODULE M740S 無鉛	6-39-M74S1-012	
4	CCD LNES (PMMA) M740S 無鉛	6-42-M74S1-010	FOR CCD
4	CCD LNES (FR700) M740S 無鉛	6-42-M74S1-020	FOR W/O CCD
5	SCREW M2.5*5L KI BK/Z ICT NY 無鉛	6-35-B6125-5RA	
6	SCREW M2*3L K1 NI ICT GTY-PATCH 無鉛	6-35-B1120-3RE	
7	LCD 14.1" WXGA AU B141EW04 V.4 (GLARE TYPE) 5.5MM 無鉛	6-50-JC255-G05	(OPTION)
7	LCD 14.1" WXGA CHIMEI N141I3-L05 5.5MM 無鉛	6-50-JC255-D07	(OPTION)
7	LCD 14.1" WXGA CHIMEI N141I3-L02 GLARE YTPE 5.5MM 無鉛	6-50-JC255-D06	(OPTION)
7	LCD 14.1" WXGA+ CHIMEI N141C1-L05 5.5MM 無鉛	6-50-J7255-D04	(OPTION)
7	LCD 14.1" WXGA+ AU B141PW01 V.1 5.5MM 無鉛	6-50-J7255-G00	(OPTION)
7	LCD 14.1" WXGA+ CHIMEI N141C1-L04 GLARE TYPE 5.5MM 無鉛	6-50-J7255-D05	(OPTION)
8	LCD HINGE L(SECC+SK7) M740S 無鉛	6-33-M74S1-022	
9	LCD BACK COVER MODULE M740S 無鉛	6-39-M74S1-021	
10	ANTENNA WIMAX 2.4G/3.7G/5G PIFA WM1 530MM 精乘 M740S 無鉛	6-23-7M74S-020	
11	UVC CAMERA BISON FIX BN28M4S7-000 1.3M M740TU 無鉛	6-88-M740C-4921	FOR M740T(OPTION)
11	UVC CAMERA BISON FIX BN2824S7-000 2M M740TU 無鉛	6-88-M740C-4911	FOR M740TU(OPTION)
12	WIRE CABLE 5PIN M/B TO CCD 274.25MM MODULE 無鉛	6-43-M74ST-011	FOR CCD
13	WIRE CABLE 30PIN M/B TO LCD 219.05MM FOR M740S 無鉛	6-43-M74S1-010	
14	LCD HINGE R (SECC+SK7) M740S 無鉛	6-33-M74S1-012	
15	SPK+ CABLE 76MM 1.5W 8? (FG-2515AP4) R-SIDE M740S 無鉛	6-23-5M74S-011	
16	ANTENNA WCDMA 3G PIFA 450MM 精乘 M740S 無鉛	6-23-7M74S-010	(OPTION)
17	SPK+ CABLE 76MM 1.5W 8? (FG-2515AP4) L-SIDE M740S 無鉛	6-23-5M74S-021	
18	STYLE-NOTE中性LOGO(電鑄薄膜鍍亮鉻)M740S 無鉛	6-45-M74S1-012	
19	WIRE CABLE FOR M/B TO INVERTER 158.5MM 6 PIN M740S 無鉛	6-43-M74SR-011	
20	INVERTER MYLAR (FR83+NITTON 5011) M760S 無鉛	6-40-M76S1-010	
21	INVERTER MODULE ROA MITAC DA-1A08-CV02NL (M660JEINT-D) M660SR 無鉛	6-76-M6R6R-010	(OPTION)
21	INVERTER MODULE 1A SUMIDA TWS-400-9658(M660SRUINT-E) M660SRU 無鉛	6-76-M660R-011	(OPTION)
22	ANTENNA WIMAX 2.4G/3.7G/5G PIFA WM3 345MM 精乘 M740T 無鉛	6-23-7M74T-021	(OPTION)
23	ANTENNA BLUETOOTH 2.4G PIFA BT 285MM 精乘 M740S 無鉛	6-23-7M74S-030	(OPTION)

Figure A - 5
LCD (M740T/ M740TU)

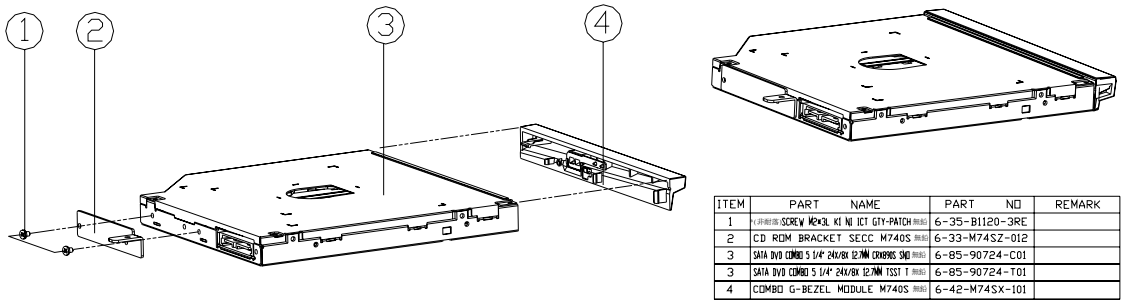
HDD (M740T/M740TU)

Figure A - 6
HDD (M740T/M740TU)



ITEM	PART NAME	PART NO	REMARK
1	SCREW M3*2.5L KI NI ICT NY 無鉛	6-35-B1130-2R5	
2	HDD MYLAR MODULE M740S (無鉛)	6-40-M74SJ-100	

COMBO (M740T/M740TU)



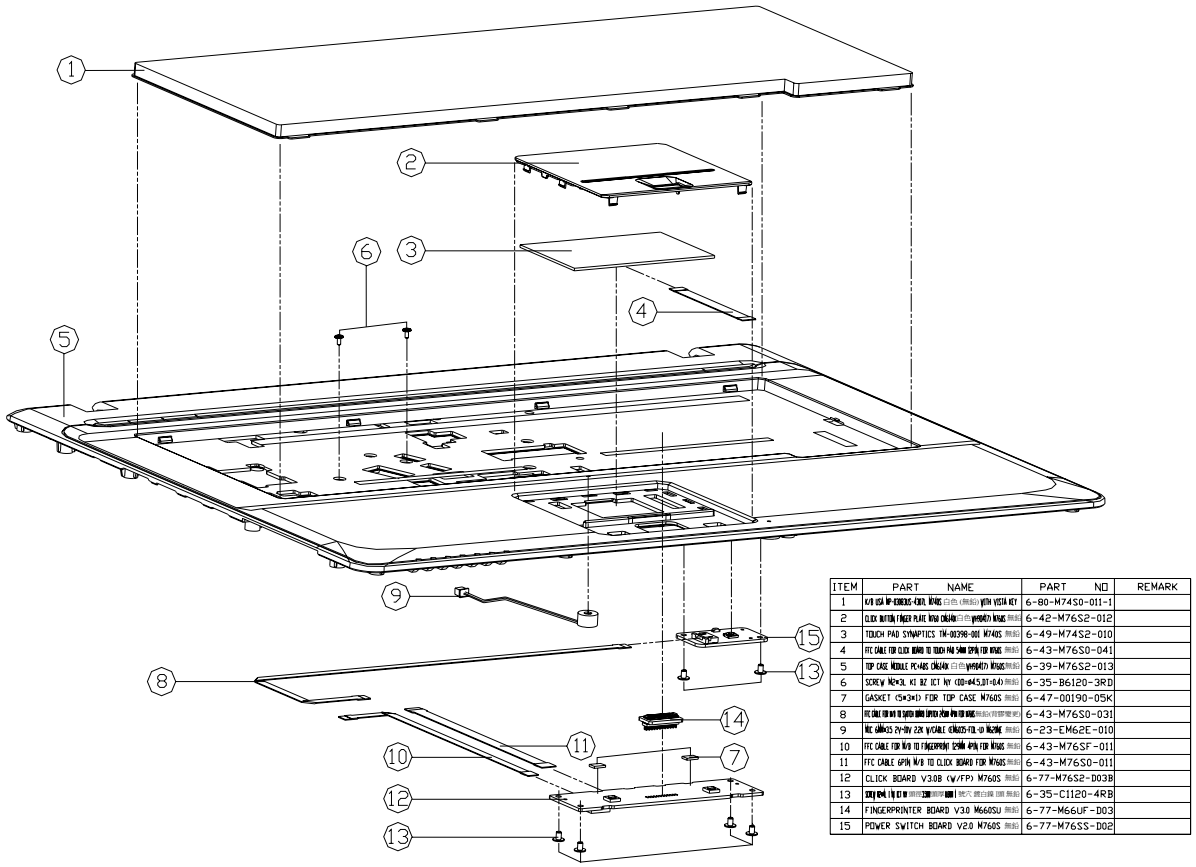
ITEM	PART NAME	PART NO	REMARK
1	(非耐落)SCREW M2*3L K1 NI ICT GTY-PATCH 無鉛	6-35-B1120-3RE	
2	CD ROM BRACKET SECC M740S 無鉛	6-33-M74SZ-012	
3	SATA DVD COMBO 5 1/4" 24X/8X 12.7MM CDXBRNS SMD 無鉛	6-85-90724-C01	
3	SATA DVD COMBO 5 1/4" 24X/8X 12.7MM TSST T 無鉛	6-85-90724-T01	
4	COMBO G-BEZEL MODULE M740S 無鉛	6-42-M74SX-101	

Figure A - 7
COMBO (M740T/M740TU)

DVD-Dual Drive (M740T/M740TU)

Figure A - 8
DVD-Dual Drive (M740T/M740TU)

Top with Fingerprint (M760T/M760TU)

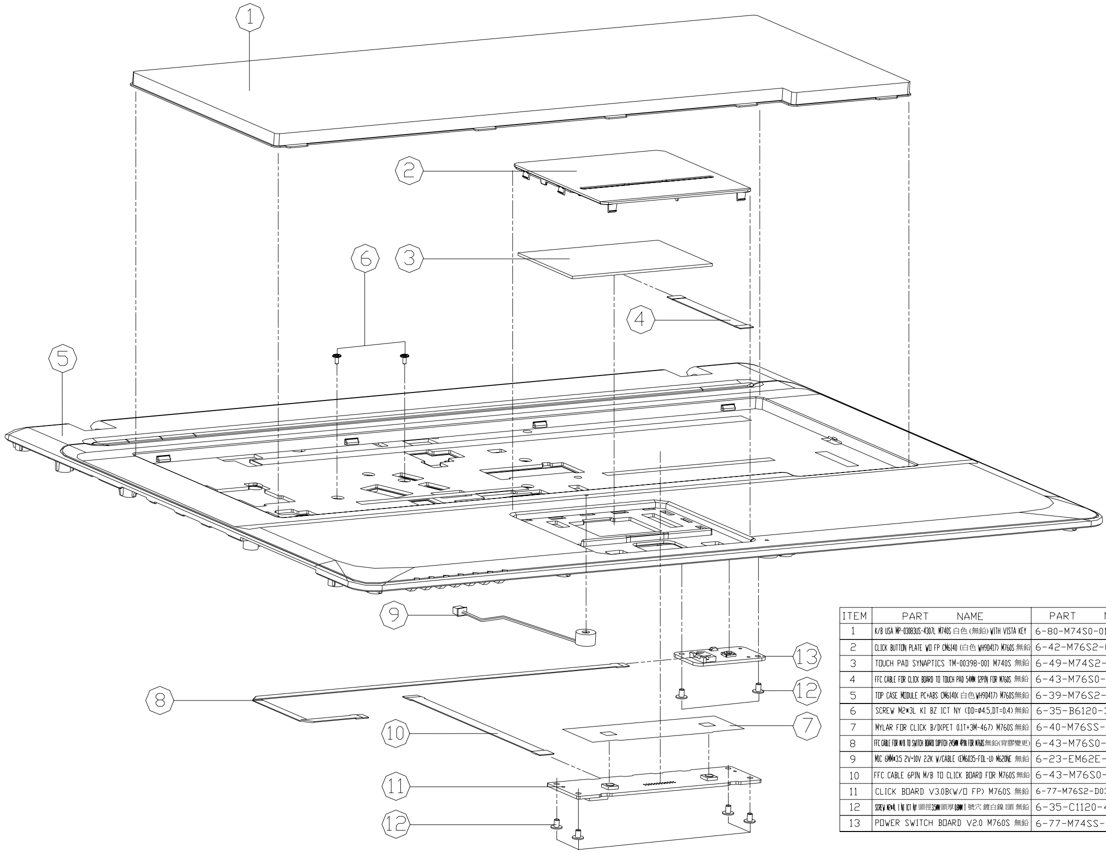


ITEM	PART NAME	PART NO	REMARK
1	[illegible] WITH VISTA KEY	6-80-M74S0-011-1	
2	CLICK BUTTON FINGER PLATE [illegible]	6-42-M76S2-012	
3	TOUCH PAD SYNAPTICS TM-00398-001 M740S	6-49-M74S2-010	
4	FFC CABLE FOR CLICK BOARD TO TOUCH PAD 5MM 22PIN FOR M760S	6-43-M76S0-041	
5	TOP CASE MIDDLE PC+ABS [illegible]	6-39-M76S2-013	
6	SCREW M2*2L KI BZ ICT NY (OD=ø4.5,DT=0.4)	6-35-B6120-3RD	
7	GASKET (5*3*1) FOR TOP CASE M760S	6-47-00190-05K	
8	[illegible]	6-43-M76S0-031	
9	[illegible]	6-23-EM62E-010	
10	FFC CABLE FOR M/B TO FINGERPRINT 12MM 4PIN FOR M760S	6-43-M76SF-011	
11	FFC CABLE 6PIN M/B TO CLICK BOARD FOR M760S	6-43-M76S0-011	
12	CLICK BOARD V3.0B (W/FP) M760S	6-77-M76S2-D03B	
13	[illegible]	6-35-C1120-4RB	
14	FINGERPRINTER BOARD V3.0 M660SU	6-77-M66UF-D03	
15	POWER SWITCH BOARD V2.0 M760S	6-77-M76SS-D02	

Figure A - 9
Top with Fingerprint (M760T/M760TU)

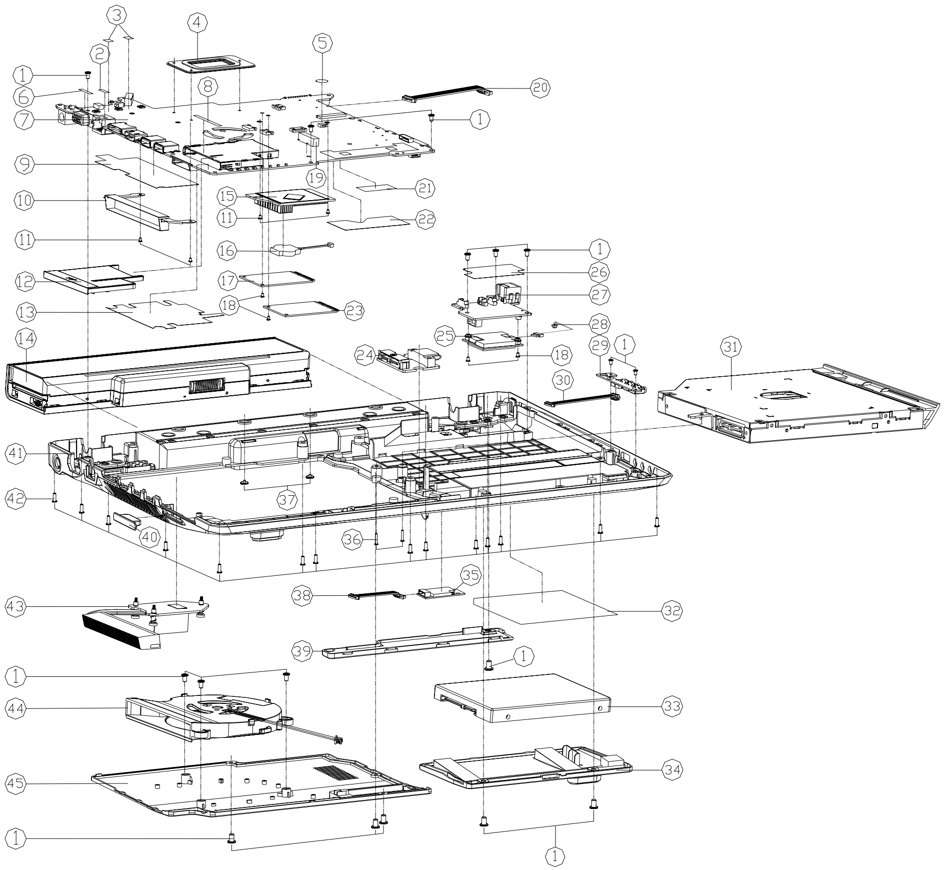
Top without Fingerprint (M760T/M760TU)

Figure A - 10
Top without Fingerprint (M760T/M760TU)



ITEM	PART NAME	PART NO	REMARK
1	K/B USA MP-03083US-4307L M740S 白色 (無鉛) WITH VISTA KEY	6-80-M74S0-011-1	
2	CLICK BUTTON PLATE WO FP CM6140 (白色 WH9D417) M760S 無鉛	6-42-M76S2-082	
3	TOUCH PAD SYNAPTICS TM-00398-001 M740S 無鉛	6-49-M74S2-010	
4	FFC CABLE FOR CLICK BOARD TO TOUCH PAD 54MM 12PIN FOR M760S 無鉛	6-43-M76S0-041	
5	TOP CASE MODULE PC+ABS CM6140(白色 WH9D417) M760S 無鉛	6-39-M76S2-013	
6	SCREW M2*3L KI BZ ICT NY (DD=ø4.5,DT=0.4) 無鉛	6-35-B6120-3RD	
7	MYLAR FOR CLICK B/D(PET 0.1T+3M-467) M760S 無鉛	6-40-M76SS-040	
8	FFC CABLE FOR M/B TO SWITCH BOARD 1.0PITCH 245MM 4PIN FOR M760S 無鉛(背膠變更)	6-43-M76S0-031	
9	MIC 6MM*3.5 2V~10V 2.2K W/CABLE (EM6035-FOL-U) M620NE 無鉛	6-23-EM62E-010	
10	FFC CABLE 6PIN M/B TO CLICK BOARD FOR M760S 無鉛	6-43-M76S0-011	
11	CLICK BOARD V3.0B(W/O FP) M760S 無鉛	6-77-M76S2-D03B-1	
12	SCREW M2*4L I NI ICT NY 頭徑3.5MM 頭厚0.8MM 1 號穴 鍍白鎳 I頭 無鉛	6-35-C1120-4RB	
13	POWER SWITCH BOARD V2.0 M760S 無鉛	6-77-M74SS-D02	

Bottom (M760T)

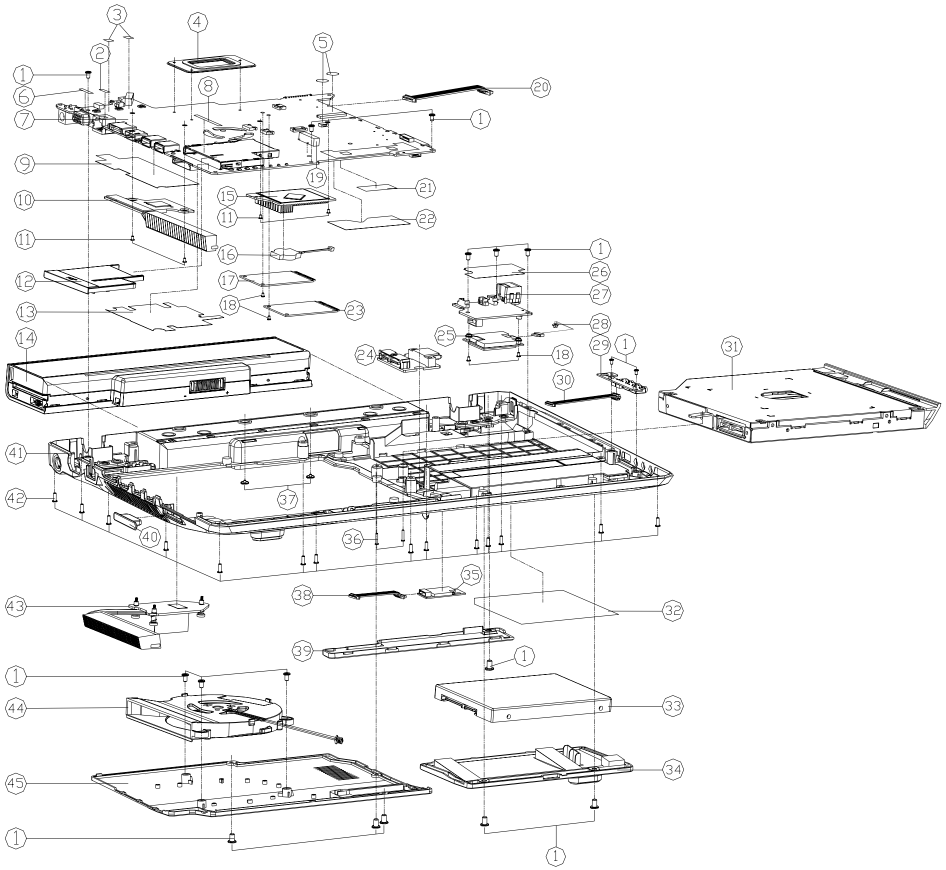


ITEM	PART NAME	PART NO	REMARK
1	SCREW M2.5*5L KI BK/Z ICT NY-無鉛	6-35-B6125-5RA	
2	HDMI導電布 (10*W5*0.35T) FOR M/B M740T 無鉛	6-47-M74TS-020	
3	PROTECT MB MYLAR FR83 M740S 無鉛	6-40-M74SS-020	
4	CPU SUPPORT BRACKET SUS 430(C/D) M550N 無鉛	6-33-M55NS-022	
5	MYLAR D10 FR83 M760S 無鉛	6-40-M76S0-010	
6	E-STAT導電布(15*5*0.35T) FOR M/B M740T無鉛	6-47-M74TS-010	
7	MAIN BOARD V3.0B (W/3G) M760T無鉛	6-77-M76T0-D03B	
7	MAIN BOARD V3.0B(W/O 3G) M760T無鉛	6-77-M76T0-D03B-1	
8	導電布(4*40) FOR NEW CARD BOX M760T無鉛	6-47-M76TS-010	
9	HEAT SINK MYLAR FR83 M740S無鉛	6-40-M74SN-011	
10	FAN AIR DUCT AL M740T無鉛	6-33-M74T3-011	
11	SCREW M2*3L K1 NI ICT NY 無鉛	6-35-B1120-3RA	
12	DUMMY NEW CARD PC+ABS TN120R 無鉛	6-42-T12R3-011	
13	NEW CARD MYLAR FR83 M740T 無鉛	6-40-M74T3-010	
14	BAT(外),S,LI, 4.0AH,3S2P,FOR M660N,GLW /PAN 無鉛	6-87-M66NS-453	(OPTION)
14	BAT.P S LI 10.8V/4.4AH 3S2P GLW/PANASONIC 無鉛	6-87-M6E6S-454	(OPTION)
14	BAT.P S LI 10.8V/4AH 3S2P GLW/PANASONIC 72 無鉛	6-87-M660S-453	(OPTION)
14	BAT.P S LI 11.1V/4.4AH 3S2P SMP/BAK-2200 9 無鉛	6-87-M660S-4P4	(OPTION)
14	BAT(外),S,LI, 4.0AH,3S2P,FOR M660N,SMP /PAN 無鉛	6-87-M66NS-4C3	(OPTION)
15	NORTH BRIDGE HEAT SINK AL M740T(無鉛	6-31-M74TN-012	
16	BAT. 20MM 3V 210MAH W/CABLE 56MM CR2032CI- BAT. 20MM 3V 210MAH W/CABLE 56MM CR2032CI-LF-MITSUBISH 無鉛	6-23-22015-P2C	
17	WLAN 802.11BG AW-GU702 海華MINI-CARD USB RTL8187B WITH POWER SAVING 無鉛	6-88-M5SS2-7000	(OPTION)
17	WLAN 802.11A+G+N INTEL SHIRLEY PEAK (WIFI LINK 5300) 3X3 MINI-CARD PCI-E (全卡) MOW 無鉛	6-88-M72T2-4210	(OPTION)
17	WLAN 802.11A+G+N INTEL SHIRLEY PEAK 1X2 MINI-CARD PCI-E (全卡) FOR MOW 無鉛	6-88-M72T2-4240	(OPTION)
18	*(非耐落)SCREW M2*3L KI NI ICT GTY-PATCH (DD=ø4.0,DT=0.8) 無鉛	6-35-B1120-3RD	
19	TOUCH PAD SPONGE (20*5*6) CR M740S無鉛	6-47-0019A-209	
20	WIRE CABLE 16PIN M/B TO MULTI BOARD 110MM FOR M760S 無鉛	6-43-M76S0-022	
21	TAPE MYLAR (A),MYLAR M550J 無鉛	6-40-M55J2-010	
22	DDR RAM MYLAR FR83 M740T無鉛	6-40-M74TS-010	
23	WCDMA HSDPA MC8775 SIERRAWIRELESS MIN-CARD USB 3.5G 無鉛	6-88-M72SW-720	(OPTION)
24	ODD BRIDGE BOARD V3.0 M760T 無鉛	6-77-M76TN-D03	
25	MODEM AZALIA+AC97 ML3054(2.01) 凱碩 MDC 12 PIN MOTOROLA (LOW POWER) L390T 無鉛	6-88-L39T1-5300	(OPTION)
26	MDC MYLAR FR83 M740S 無鉛	6-40-M74SU-010	
27	MULTI I/O BOARD V3.0 M740S 無鉛	6-77-M74S1-D03	
28	WIRE CABLE 13PIN M/B TO AUDIO BOARD 180MM FOR M760S無鉛	6-43-M76S0-052	
29	PHONE JACK & USB BOARD V3.0A M740S 無鉛	6-77-M74SA-D03A	
30	WIRE CABLE 2PIN MULTI BOARD TO MDC MODULE FOR M740S 無鉛	6-43-M74SU-010	
31	SATA DVD SUPER MULTI ASS'Y(OPTION) M760T 無鉛	6-79-M760T00Q-000	(OPTION)
31	SATA DVD COMBO ASS'Y (OPTION) M760T 無鉛	6-79-M760T00X-000	(OPTION)
32	PRODUCT LABEL FOR M760T 無鉛	6-45-M76T3-010	
32	PRODUCT LABEL FOR M765T 無鉛	6-45-M765T-010	
32	PRODUCT LABEL FOR M766T 無鉛	6-45-M766T-010	
32	PRODUCT LABEL FOR M767T 無鉛	6-45-M767T-010	
33	W/O HDD ASS'Y M760S無鉛	6-79-M760S00J-010	
34	HDD COVER MODULE(黑色) M760S 無鉛	6-42-M76SJ-102	
35	BLUETOOTH V2.0 QBTM300 (N6) QCOM 8 PIN USB 無鉛	6-88-M5S45-620	(OPTION)
35	BLUETOOTH V2.0 GUBTCR42M-NS-藍天3 互億8 PIN U 無鉛	6-88-M5S45-390	(OPTION)
36	SCREW M2*8L K1 BK/Z ICT NY 無鉛	6-35-B6120-8R0	
37	SCREW M2*2L KI BK/Z ICT NY(ø8,T=0.6) 無鉛	6-35-B6120-2RE	
38	WIRE CABLE 6PIN M/B TO 8PIN BLUETOOTH MODULE 50MM FOR M760S 無鉛	6-43-M76SB-011	(OPTION)
39	BT COVER MODULE(黑色) M760S無鉛	6-42-M76SB-101	
40	RUBBER(CARD READER)(SILICON,H-60,60度,黑色) M760S 無鉛	6-47-M76S8-010	
41	BOTTOM CASE MODULE (黑色/DVT後設變咬花) M760S無鉛	6-39-M76S3-012	
42	SCREW M2.5*8L KI BK/Z NY ICT 無鉛	6-35-B6125-8R0	
43	CPU THERMAL MODULE AL M740T 無鉛	6-31-M74TS-100	
44	FAN MODULE M740S無鉛	6-31-M74SS-101	
45	CPU COVER MODULE M760S(黑色)(無鉛)	6-42-M76SS-102	

Figure A - 11
Bottom (M760T)

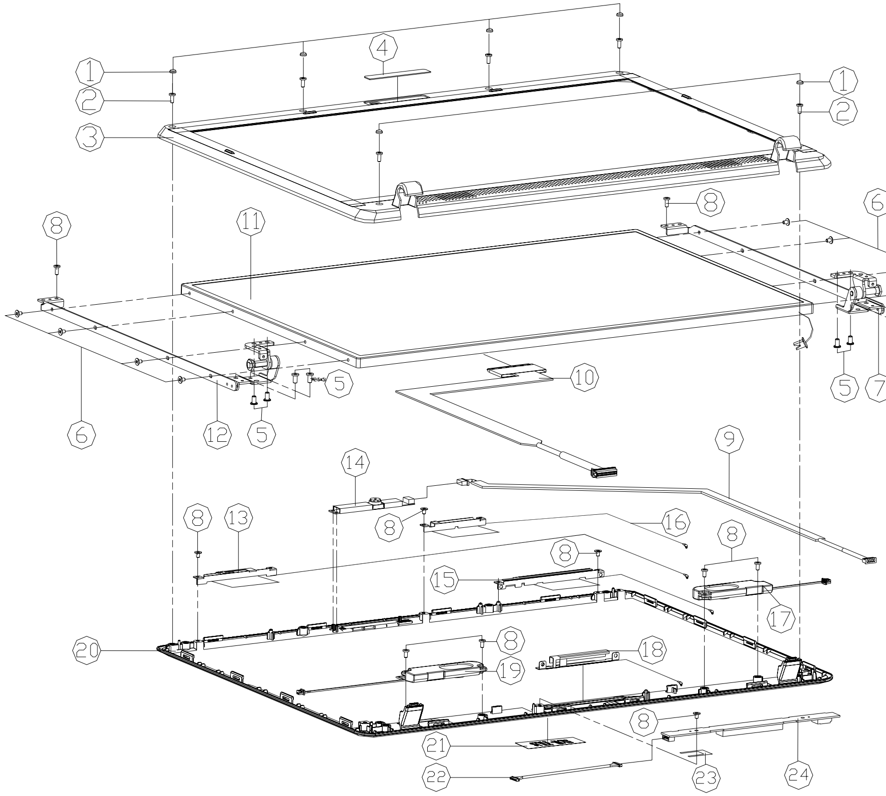
Bottom (M760TU)

Figure A - 12
Bottom (M760TU)



ITEM	PART NAME	PART NO	REMARK
1	SCREW M2.5*5L KI BK/Z ICT NY-無鉛	6-35-B6125-5RA	
2	HDMI導電布 (10*W5*0.35T) FOR M/B M740T 無鉛	6-47-M74TS-020	
3	MYLAR 5*2.5*0.15T (FR83+3M467) M760S 無鉛	6-40-M76SS-030	
4	CPU SUPPORT BRACKET SUS 430(C/D) M550N 無鉛	6-33-M55NS-022	
5	MYLAR D10 FR83 M760S 無鉛	6-40-M76S0-010	
6	E-STAT導電布(15*5*0.35T) FOR M/B M740T無鉛	6-47-M74TS-010	
7	MAIN BOARD V3.0B (W/3G) M760TU 無鉛	6-77-M76T0-D03B-1U	
7	MAIN BOARD V3.0B (W/3G) M760TU無鉛	6-77-M76T0-D03B-U	
8	導電布(4*40) FOR NEW CARD BOX M760T無鉛	6-47-M76TS-010	
9	HEAT SINK MYLAR FR83 M740S 無鉛	6-40-M74SN-011	
10	VGA THERMAL MODULE AL M740TU 無鉛	6-31-M740N-100	
11	SCREW M2*3L K1 NI ICT NY無鉛	6-35-B1120-3RA	
12	DUMMY NEW CARD PC+ABS TN120R 無鉛	6-42-T12R3-011	
13	NEW CARD MYLAR FR83 M740T 無鉛	6-40-M74T3-010	
14	BAT.P S LI 10.8V/4.8AH 3S2P SMP/SAMSUNG SDI-2.4C 980C/T4270F M660SU 無鉛	6-87-M66US-4DE	(OPTION)
14	BAT.P S LI 10.8V/4.4AH 3S2P GLW/PANASONIC 無鉛	6-87-M6E6S-454	(OPTION)
14	BAT.P S LI 10.8V/4.4AH 3S2P SMP/SAMSUNG 98 無鉛	6-87-M6E6S-4D4	(OPTION)
14	BAT.P S LI 10.8V/4AH 3S2P GLW/PANASONIC 72 無鉛	6-87-M660S-453	(OPTION)
14	BAT.P S LI 11.1V/4.4AH 3S2P SMP/BAK-2200 9 無鉛	6-87-M660S-4P4	(OPTION)
14	BAT(外),S,LI, 4.0AH,3S2P,FOR M660N,SMP /PAN 無鉛	6-87-M66NS-4C3	(OPTION)
15	NORTH BRIDGE HEAT SINK AL M740T(無鉛	6-31-M74TN-012	
16	BAT. 20MM 3V 210MAH W/CABLE 56MM CR2032CI- BAT. 20MM 3V 210MAH W/CABLE 56MM CR2032CI-LF-MITSUBISHI無鉛	6-23-22015-P2C	
17	WLAN 802.11BG AW-GU702 海華MINI-CARD USB RTL8187B WITH POWER SAVING 無鉛	6-88-M5SS2-7000	(OPTION)
17	WLAN 802.11A+G+N INTEL SHIRLEY PEAK (WIFI LINK 5300) 3X3 MINI-CARD PCI-E (全卡) MOW 無鉛	6-88-M72T2-4210	(OPTION)
17	WLAN 802.11A+G+N INTEL SHIRLEY PEAK 1X2 MINI-CARD PCI-E (全卡) FOR MOW 無鉛	6-88-M72T2-4240	(OPTION)
17	(SAMPLE)WLAN 802.11A+G+N INTEL SHIRLEY PEAK 3X3 MINI-CARD PCI-E (全卡) FOR MOW SAMPLE ONLY 無鉛	6-S88-M72T2-4211	(OPTION)
17	(SAMPLE)WLAN 802.11A+G+N INTEL SHIRLEY PEAK 1X2 MINI-CARD PCI-E (全卡) FOR MOW SAMPLE ONLY無鉛	6-S88-M72T2-4241	(OPTION)
18	*(非耐落)SCREW M2*3L KI NI ICT GTY-PATCH (DD=ø4.0,DT=0.8) 無鉛	6-35-B1120-3RD	
19	TOUCH PAD SPONGE (20*5*6) CR M740S無鉛	6-47-0019A-209	
20	WIRE CABLE 16PIN M/B TO MULTI BOARD 110MM FOR M760S 無鉛	6-43-M76S0-022	
21	TAPE MYLAR (A),MYLAR M550J 無鉛	6-40-M55J2-010	
22	DDR RAM MYLAR FR83 M740T無鉛	6-40-M74TS-010	
23	WCDMA HSDPA MC8775 SIERRAWIRELESS MIN-CARD USB 3.5G 無鉛	6-88-M72SW-720	(OPTION)
24	ODD BRIDGE BOARD V3.0 M760T 無鉛	6-77-M76TN-D03	
25	MODEM AZALIA+AC97 ML3054(2.0) 凱碩 MDC 12 PIN MOTOROLA (LOW POWER) L390T 無鉛	6-88-L39T1-5300	(OPTION)
26	MDC MYLAR FR83 M740S 無鉛	6-40-M74SU-010	
27	MULTI I/O BOARD V3.0 M740S 無鉛	6-77-M74S1-D03	
28	WIRE CABLE 13PIN M/B TO AUDIO BOARD 180MM FOR M760S無鉛	6-43-M76S0-052	
29	PHONE JACK & USB BOARD V3.0A M740S 無鉛	6-77-M74SA-D03A	
30	WIRE CABLE 2PIN MULTI BOARD TO MDC MODULE FOR M740S 無鉛	6-43-M74SU-010	
31	SATA DVD SUPER MULTI ASS'Y(OPTION) M760T 無鉛	6-79-M760T00Q-000	(OPTION)
31	SATA DVD COMBO ASS'Y (OPTION) M760T 無鉛	6-79-M760T00X-000	(OPTION)
32	PRODUCT LABEL FOR M760TU無鉛	6-45-M76TU-010	
32	PRODUCT LABEL FOR M765TU無鉛	6-45-M765TU03-010	
33	W/O HDD ASS'Y M760S無鉛	6-79-M760S00J-010	
34	HDD COVER MODULE(黑色) M760S 無鉛	6-42-M76SJ-102	
35	BLUETOOTH V2.0 QBTM300 (N6) QCOM 8 PIN USB 無鉛	6-88-M5S45-620	(OPTION)
35	BLUETOOTH V2.0 GUBTCR42M-NS-藍天3 互億8 PIN U 無鉛	6-88-M5S45-390	(OPTION)
36	SCREW M2*8L K1 BK/Z ICT NY 無鉛	6-35-B6120-8R0	
37	SCREW M2*2L KI BK/Z ICT NY(ø8,T=0.6)無鉛	6-35-B6120-2RE	
38	WIRE CABLE 6PIN M/B TO 8PIN BLUETOOTH MODULE 50MM FOR M760S 無鉛	6-43-M76SB-011	(OPTION)
39	BT COVER MODULE(黑色) M760S無鉛	6-42-M76SB-101	
40	RUBBER(CARD READERXSILICON,H-60,60度,黑色) M760S 無鉛	6-47-M76S8-010	
41	BOTTOM CASE MODULE (黑色/DVT後設變咬花) M760S無鉛	6-39-M76S3-012	
42	SCREW M2.5*8L KI BK/Z NY ICT 無鉛	6-35-B6125-8R0	
43	CPU THERMAL MODULE AL M740T 無鉛	6-31-M74TS-100	
44	FAN MODULE M740S無鉛	6-31-M74SS-101	
45	CPU COVER MODULE M760S(黑色)(無鉛)	6-42-M76SS-102	

LCD (M760T/M760TU)



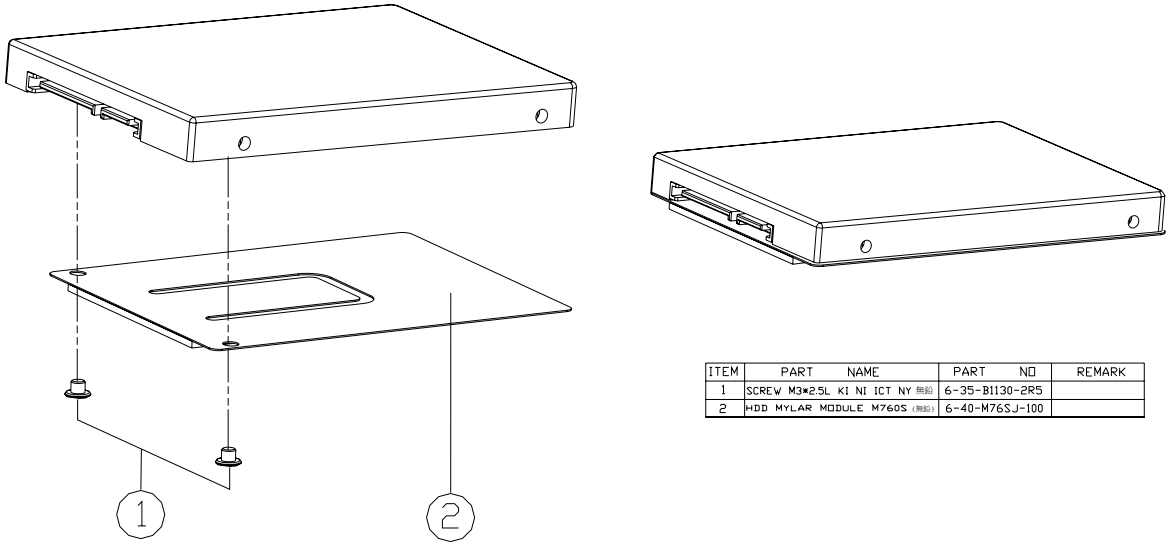
ITEM	PART NAME	PART NO	REMARK
1	LCD FRONT COVER RUBBER SILICON D=4.6MM T=1.3MM M760S 無鉛	6-47-M76S1-010	
2	SCREW M2*5L KI(T=0.8 D=4.0) BK/Z ICT NY 無鉛	6-35-B6120-5R0	
3	LCD FRONT COVER MODULE M760S 無鉛	6-39-M76S1-011	
4	CCD COSMETIC PMMA T=0.5MM M760S 無鉛	6-42-M76S1-031	W/ CCD
4	W/O CCD COSMETIC 0.5T PMMA M760S 無鉛	6-42-M76S1-040	W/O CCD
5	SCREW M2.5*5L KI BK/Z ICT NY 無鉛	6-35-B6125-5RA	
6	*(非耐落) SCREW M2*3L K1 NI ICT GTY-PATCH 無鉛	6-35-B1120-3RE	
7	LCD HINGE-R SECC M760S 無鉛	6-33-M76S1-011	
8	SCREW M2*4L I NI ICT NY 頭徑 3.5MM 頭厚 0.8MM | 號穴 鍍白鎳 | 頭 無鉛	6-35-C1120-4RB	
9	WIRE CABLE 5PIN M/B TO CCD 300MM MODULE FOR M760S 無鉛	6-43-M76ST-021	FOR CCD
10	WIRE CABLE 30PIN M/B TO LCD 240MM FOR M760S 無鉛	6-43-M76S1-010	
11	LCD AU B154PW01 V.1 15.4" WXGA+ (1440X90 無鉛	6-50-L7261-G01	(OPTION)
11	LCD 15.4" WXGA+ CHIMEI N154C3-L02 GLARE T 無鉛	6-50-L7265-D00	(OPTION)
11	LCD 15.4" WSXGA+ CHIMEI N154Z1-L02 GLARE 無鉛	6-50-LA265-D00	(OPTION)
11	LCD 15.4" WXGA AU B154EW02 V.5 (GLARE TYPE 無鉛	6-50-LC264-G00	(OPTION)
11	LCD 15.4" WXGA AU B154EW08 V.1 GLARE TYPE 無鉛	6-50-LC261-G00	(OPTION)
11	LCD 15.4" WXGA AU B154EW04 V.7 6.35MM (QD1 無鉛	6-50-LC263-G00	(OPTION)
11	LCD 15.4" WXGA CHIMEI N154I2-L02 GLARE TYPE 無鉛	6-50-LC265-D00	(OPTION)
12	LCD HINGE-L SECC M760S 無鉛	6-33-M76S1-021	
13	ANTENNA WLAN 2.4G/3.3G/5G PIFA WM1 (BLACK) 無鉛	6-23-7M76S-010	
14	UVC CAMERA BISON FIX BN28M4S7-000 1.3M M740TU 無鉛	6-88-M740C-4921	FOR M760T/TU(OPTION)
14	UVC CAMERA BISON FIX BN2824S7-000 2M M740TU 無鉛	6-88-M740C-4911	FOR M760TU(OPTION)
15	ANTENNA WCDMA 3G PIFA 450MM 精乘M740S無鉛	6-23-7M76S-040	(OPTION)
16	ANTENNA BLUETOOTH 2.4G/5G PIFA BT(黑色)400MM 惠貿 M760S 無鉛	6-23-7M76S-051	(OPTION)
17	SPK+ CABLE 76MM 1.5W 8? (P2016VMG04-1) R-S M740S 無鉛	6-23-5M74S-030	
18	ANTENNA WLAN 2.4G/3.3G/5G PIFA WM2(黑色)385MM惠貿M760S無鉛	6-23-7M76S-021	(OPTION)
19	SPK+CABLE 76MM 1.5W 8? (P2016VMG04-1) L-SIDE M740S 無鉛	6-23-5M74S-042	
20	LCD BACK COVER MODULE M760S無鉛	6-39-M76S1-021	FOR M760S/T
20	BACK COVER MODULE W/O FOIL M760S-C無鉛	6-39-M76S1-020-C	FOR M760S-C
20	LCD BACK COVER MODULE(外噴 UV) M762S 無鉛	6-39-M7621-021	FOR M762S
21	STYLE-NOTE中性 LOGO(電鑄薄膜鍍亮鉻)M740S 無鉛	6-45-M74S1-012	
22	WIRE CABLE FOR M/B TO INVERTER 158.5MM 6 PIN M740S 無鉛	6-43-M74SR-011	
23	INVERTER MYLAR (FR83+NITTON 5011) M760S無鉛	6-40-M76S1-010	
24	INVERTER MODULE ROA MITAC DA-1A08-CV02NL (M660JEINT-D) M660SR 無鉛	6-76-M6R6R-010	(OPTION)
24	INVERTER MODULE 1A SUMIDA TWS-400-9658(M660SRUINT-E) M660SRU 無鉛	6-76-M660R-011	(OPTION)

Figure A - 13
LCD (M760T/ M760TU)

A.Part Lists

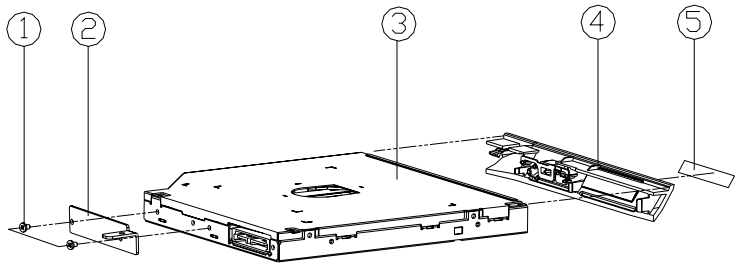
HDD (M760T/M760TU)

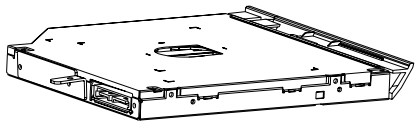
Figure A - 14
HDD (M760T/M760TU)



ITEM	PART NAME	PART NO	REMARK
1	SCREW M3*2.5L KI NI ICT NY 無鉛	6-35-B1130-2R5	
2	HDD MYLAR MODULE M760S (無鉛)	6-40-M76SJ-100	

COMBO (M760T/M760TU)



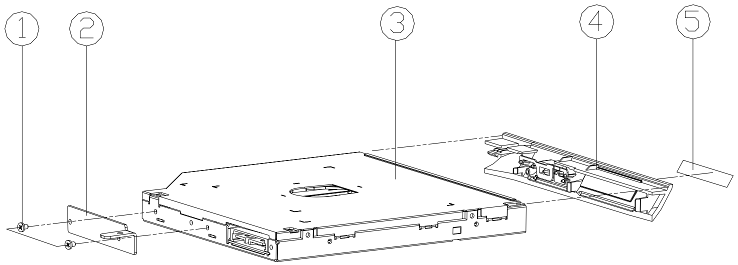


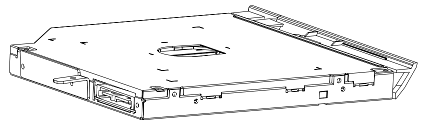
ITEM	PART NAME	PART NO	REMARK
1	(大同耐落)SCREW M2*3L KI NI ICT GTY-PATCH無鉛	6-35-B1120-3RE	
2	CD ROM BRACKET SECC M740S 無鉛	6-33-M74SZ-012	
3	SATA DVD COMBO 5 1/4" 24X/8X 12.7MM CR8890 無鉛	6-85-90724-C01	
3	SATA DVD COMBO 5 1/4" 24X/8X 12.7MM TSST T 無鉛	6-85-90724-T01	
4	ODD BEZEL MODULE (黑色) M760S 無鉛	6-42-M76SZ-102	
5	ODD BEZEL LABEL(COMBO) FOR M760S 無鉛	6-45-M76SX-011	

Figure A - 15
COMBO (M760T/M760TU)

DVD-Dual Drive (M760T/M760TU)

Figure A - 16
DVD-Dual Drive (M760T/M760TU)





ITEM	PART NAME	PART NO	REMARK
1	*(非耐落)SCREW M2*3L KI NI ICT GTY-PATCH (DD=ø4.0,DT=0.8) 無鉛	6-35-B1120-3RD	
2	CD ROM BRACKET SECC M740S 無鉛	6-33-M74SZ-012	
3	SATA DVD SUPER MULTI 5 1/4" 24X/8X 12.7MM 無鉛	6-85-A0724-C01	FOR SNO
3	SATA DVD SUPER MULTI 5 1/4 24X/8X 12.7MM 無鉛	6-85-A0724-T02	FOR TSST
4	ODD BEZEL MODULE (黑色) M760S 無鉛	6-42-M76SZ-102	
5	ODD BEZEL LABEL(SUPER MULTI) M760S 無鉛	6-45-M76SZ-011	

Appendix B: Schematic Diagrams

This appendix has circuit diagrams of the ***M740T/M740TU/M760T/M760TU*** notebook's PCB's. The following table indicates where to find the appropriate schematic diagram.

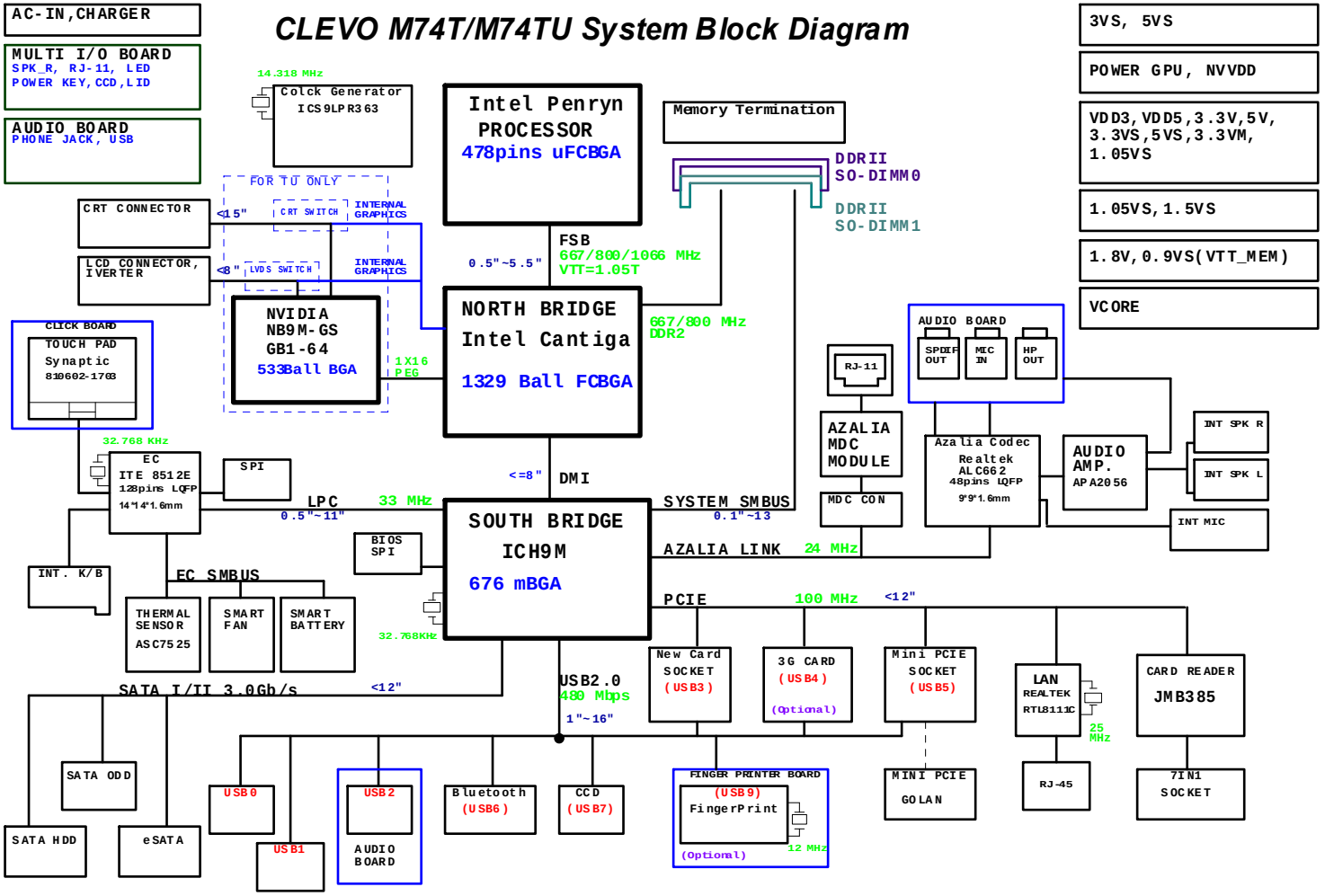
Table B - 1
Schematic Diagrams

Version Note

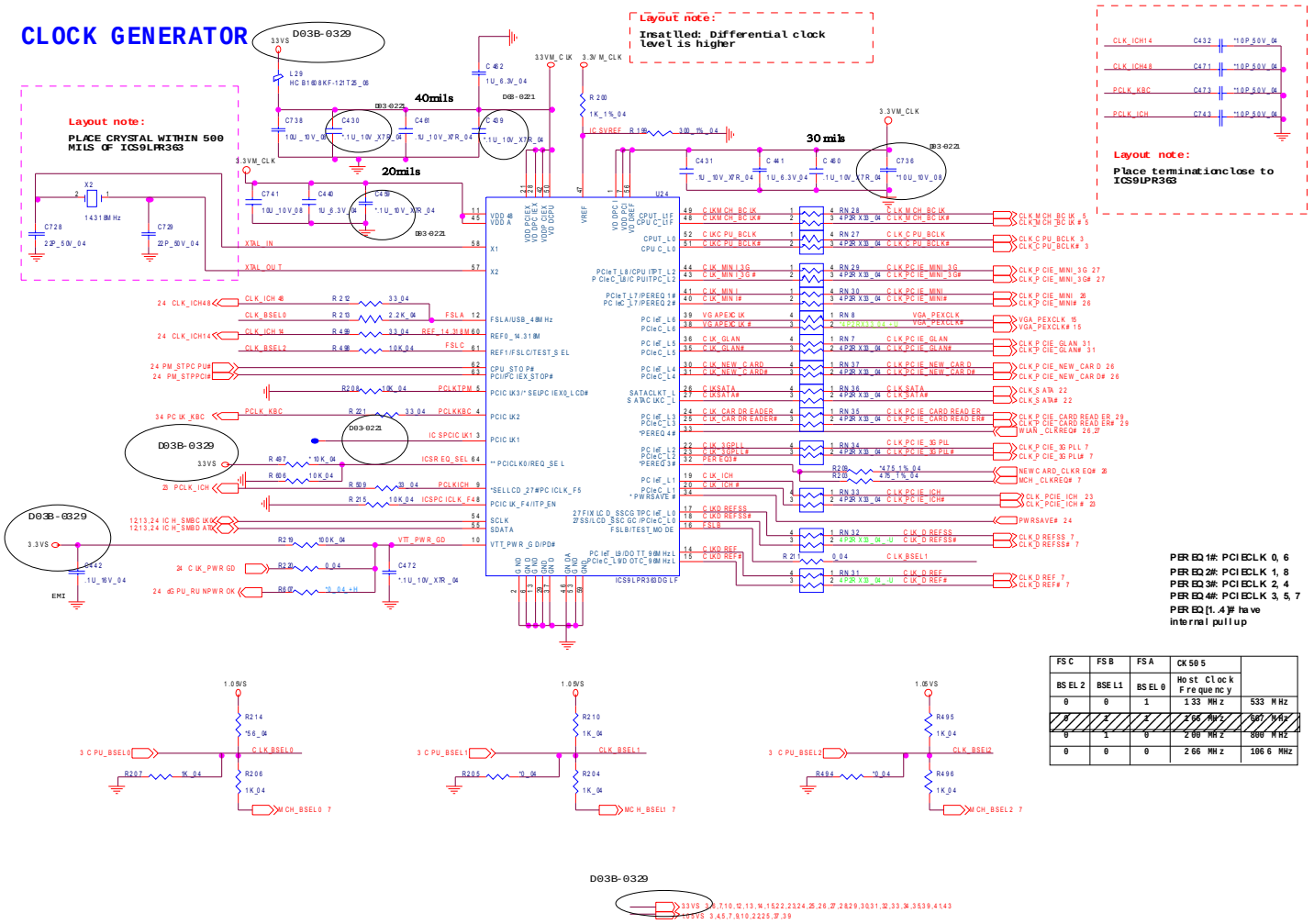
The schematic diagrams in this chapter are based upon version 6-7P-M74T9-004. If your mainboard (or other boards) are a later version, please check with the Service Center for updated diagrams (if required).

System Block Diagram

Sheet 1 of 51
System Block Diagram



Clock Generator



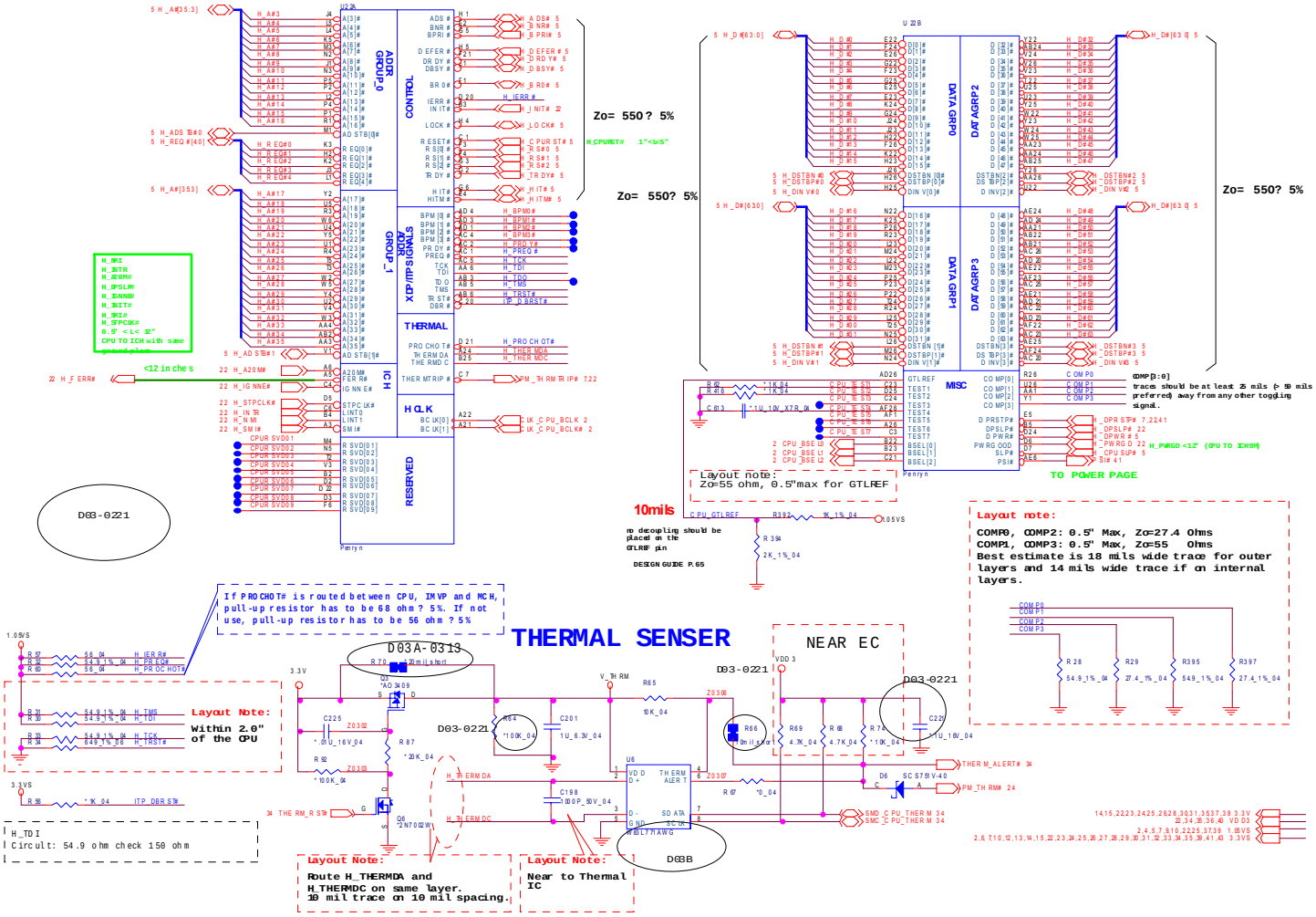
FS C	FS B	FS A	CK 505	
BS EL 2	BSE L1	BS EL 0	Host Clock Frequency	
0	0	1	133 MHz	533 MHz
0	1	1	266 MHz	667 MHz
0	1	0	200 MHz	800 MHz
0	0	0	266 MHz	1066 MHz

Sheet 2 of 51
Clock Generator

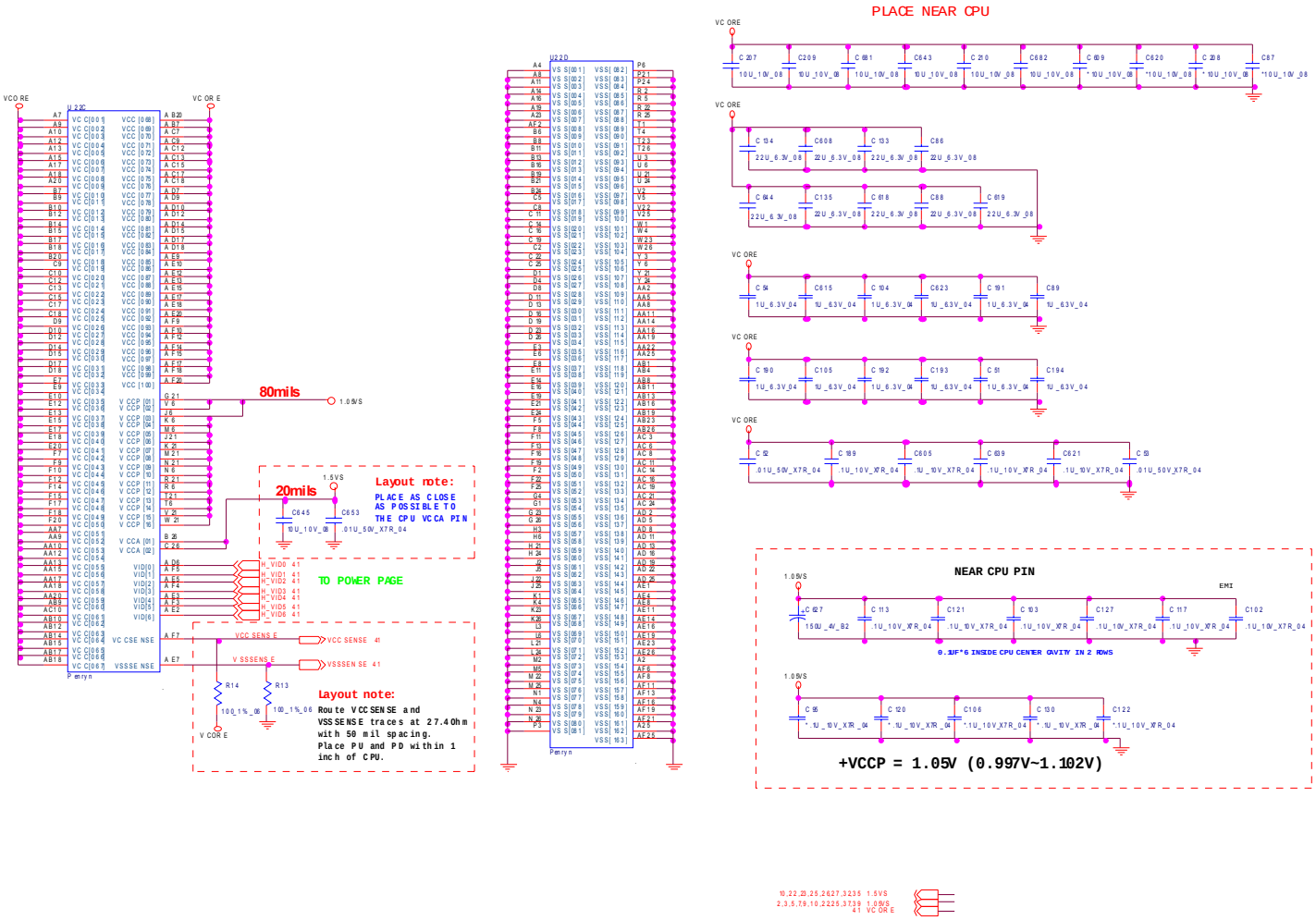
B.Schematic Diagrams

Penryn (Socket-P) CPU 1/2

Sheet 3 of 51
Penryn (Socket-P)
CPU 1/2



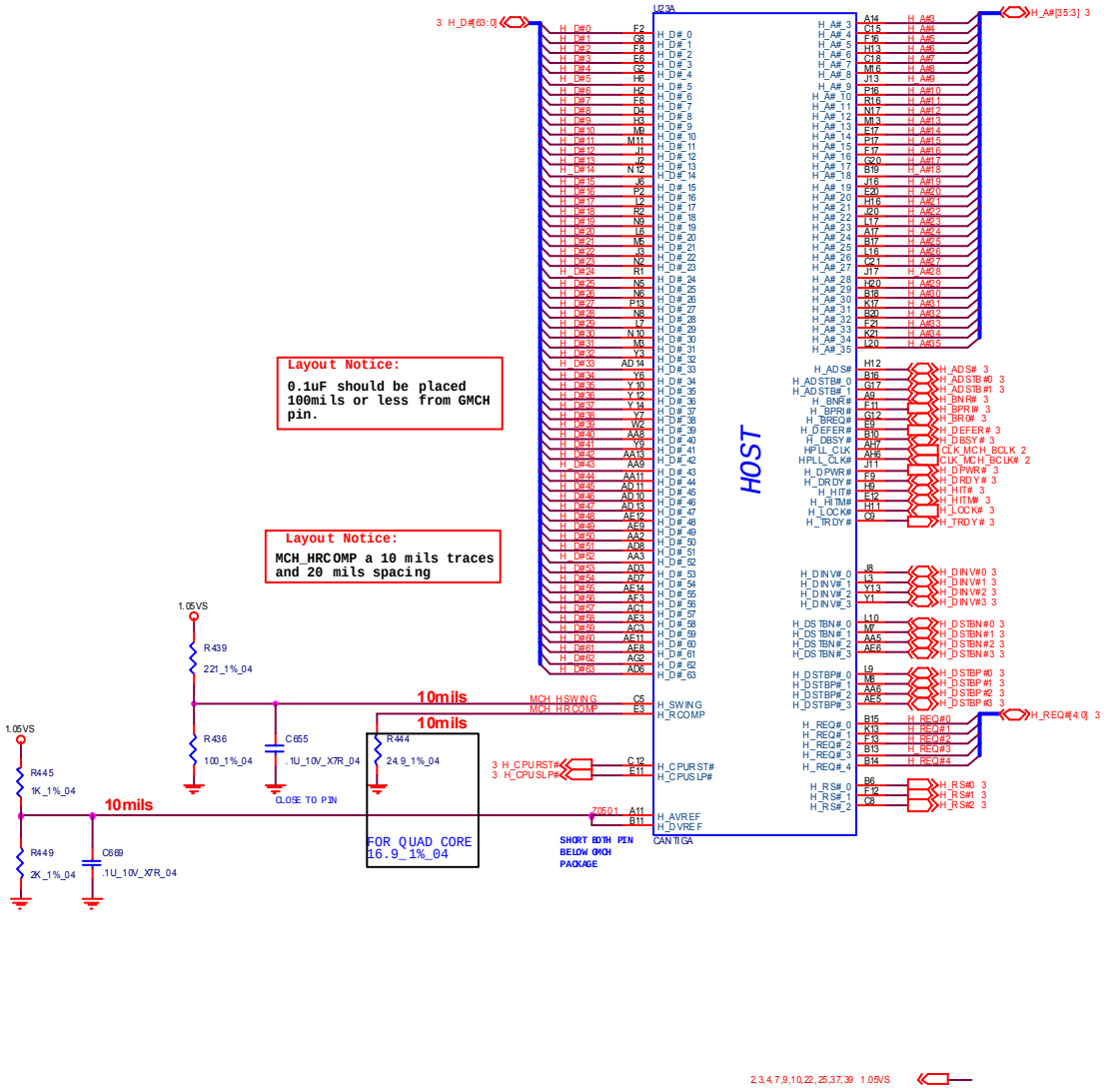
Penryn (Socket-P) CPU 2/2



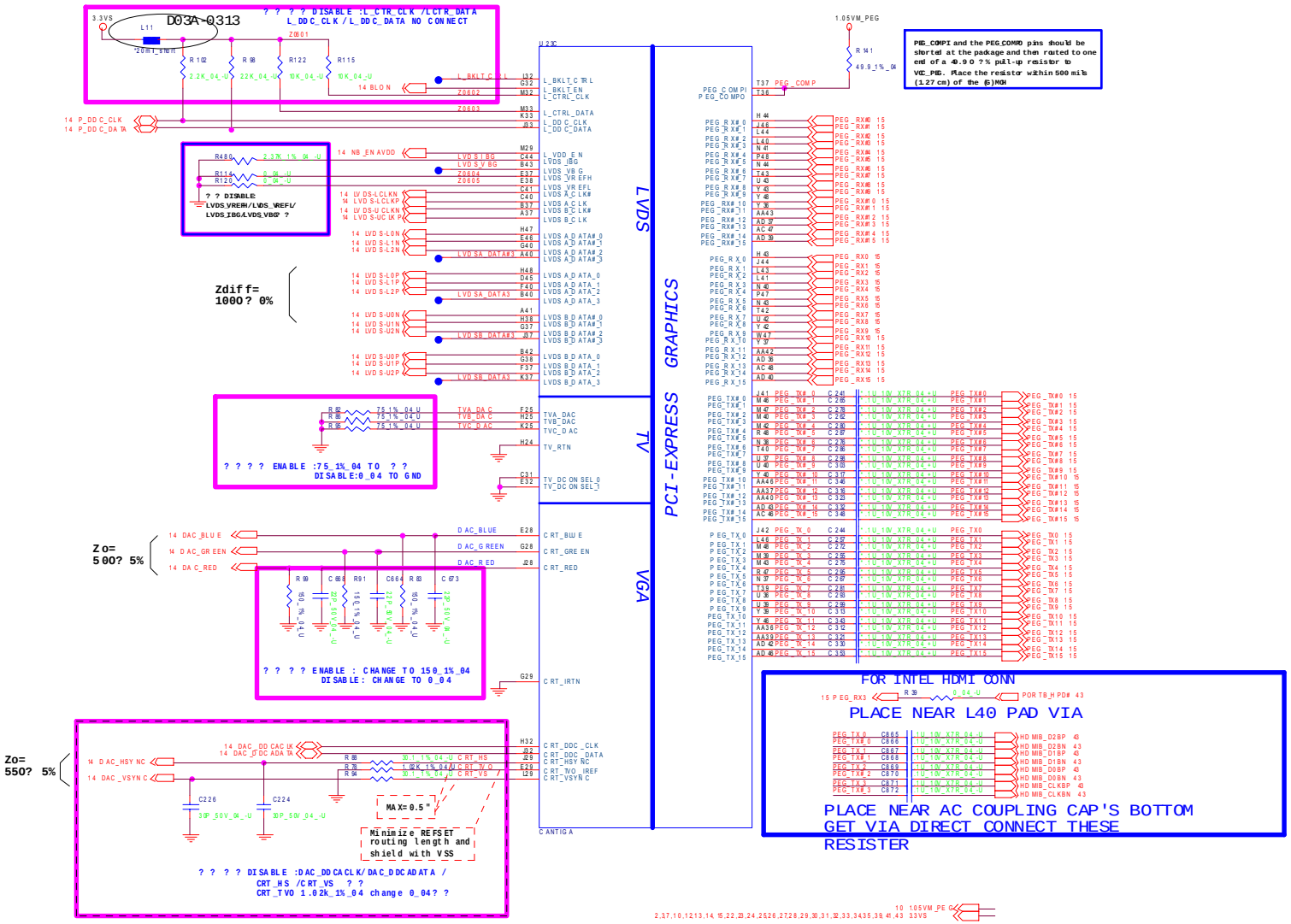
Sheet 4 of 51
Penryn (Socket-P)
CPU 2/2

CANTIGA 1/7, Host

Sheet 5 of 51
CANTIGA 1/7, Host



CANTIGA 2/7, Graphics

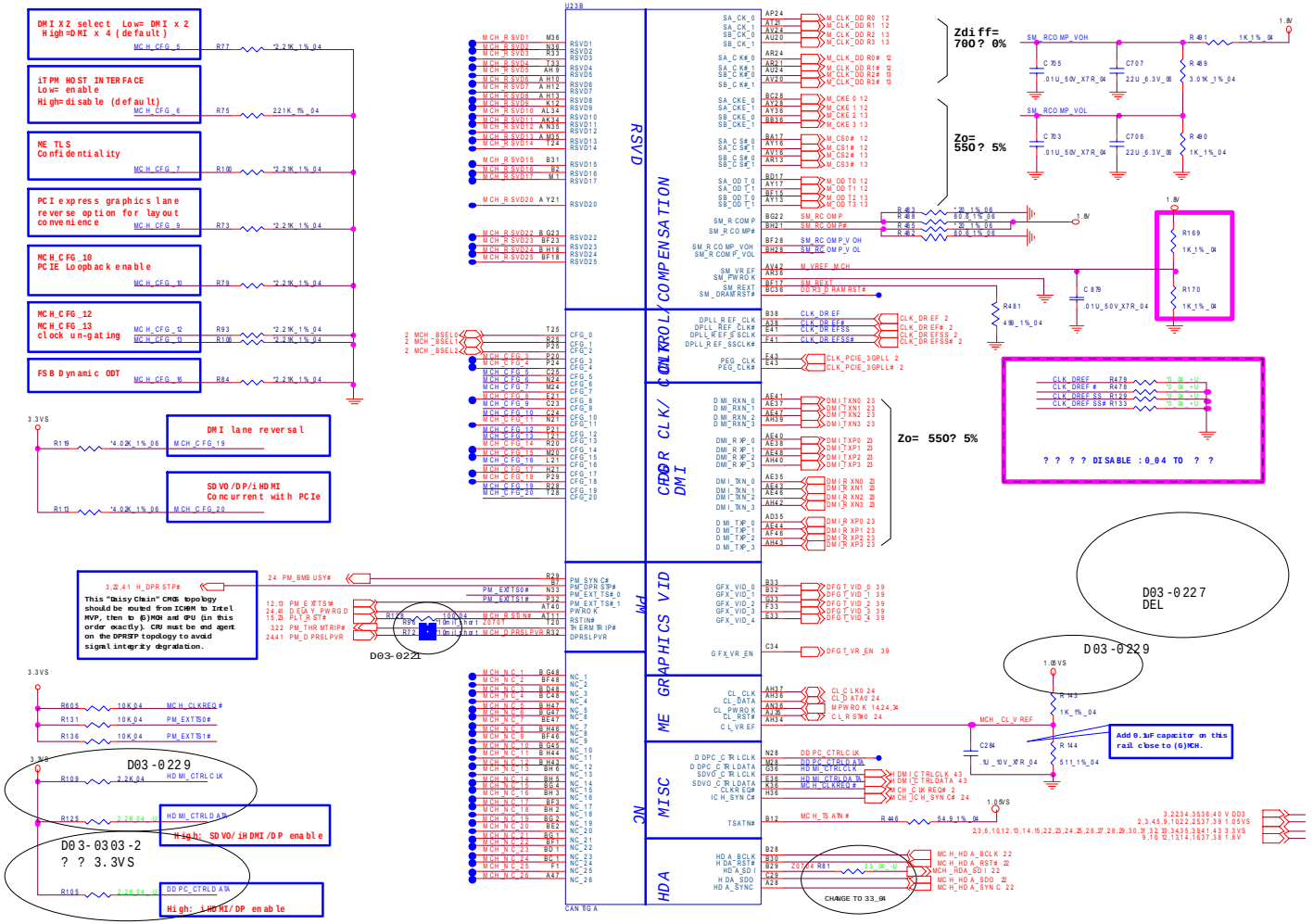


Sheet 6 of 51
CANTIGA 2/7, Graphics

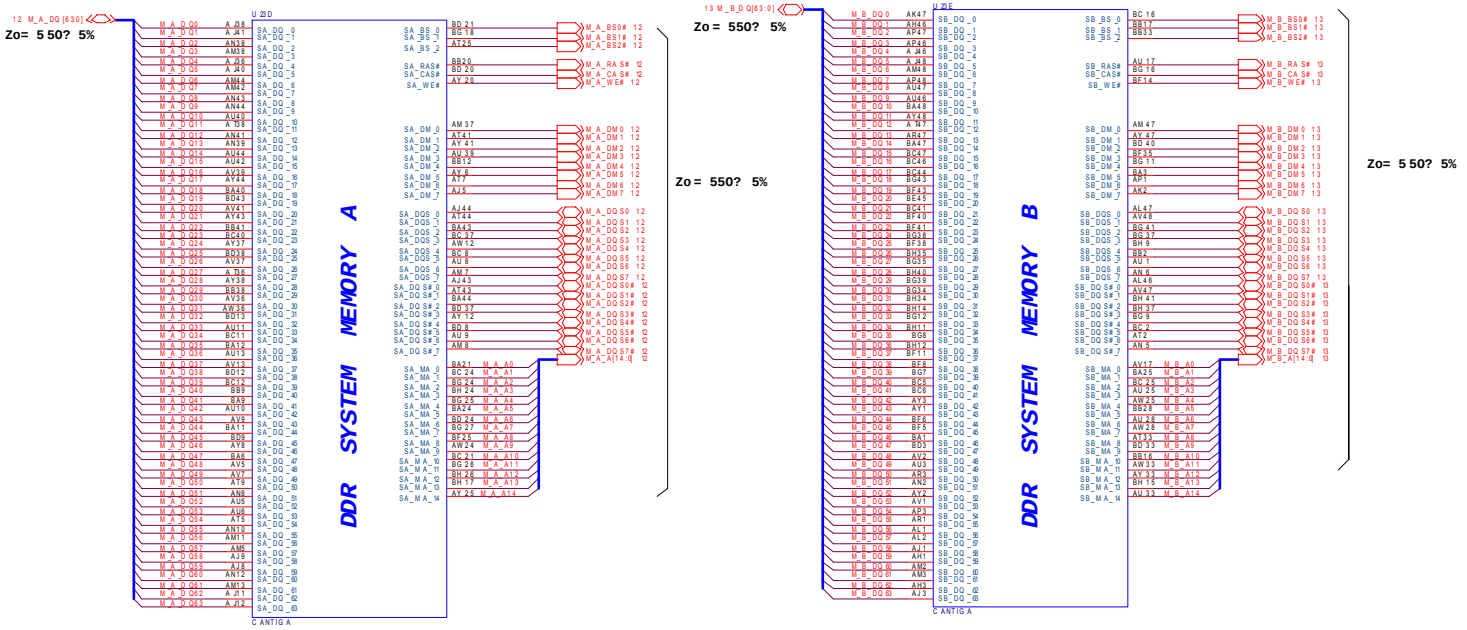
B.Schematic Diagrams

CANTIGA 3/7

Sheet 7 of 51
CANTIGA 3/7



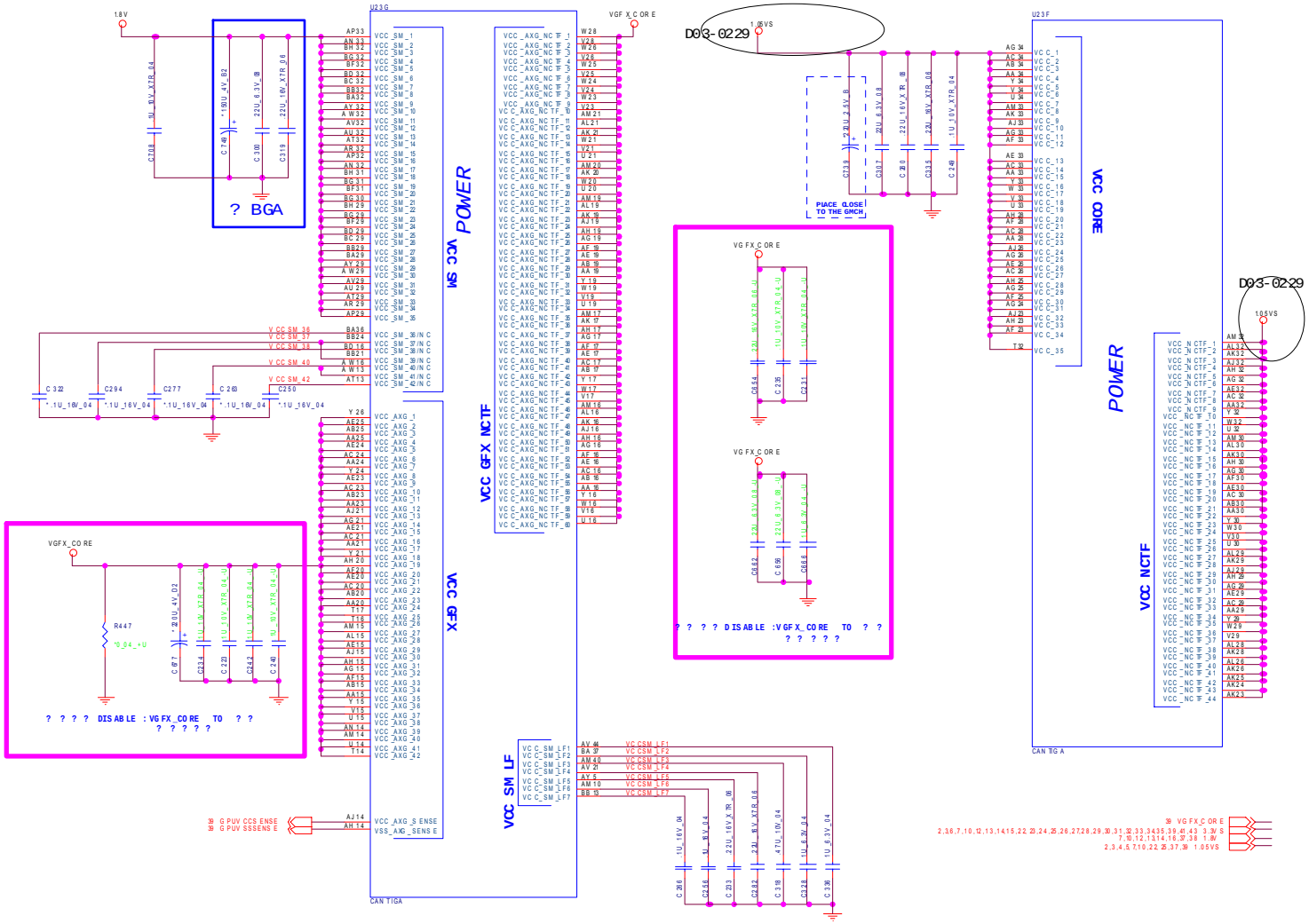
CANTIGA 4/7



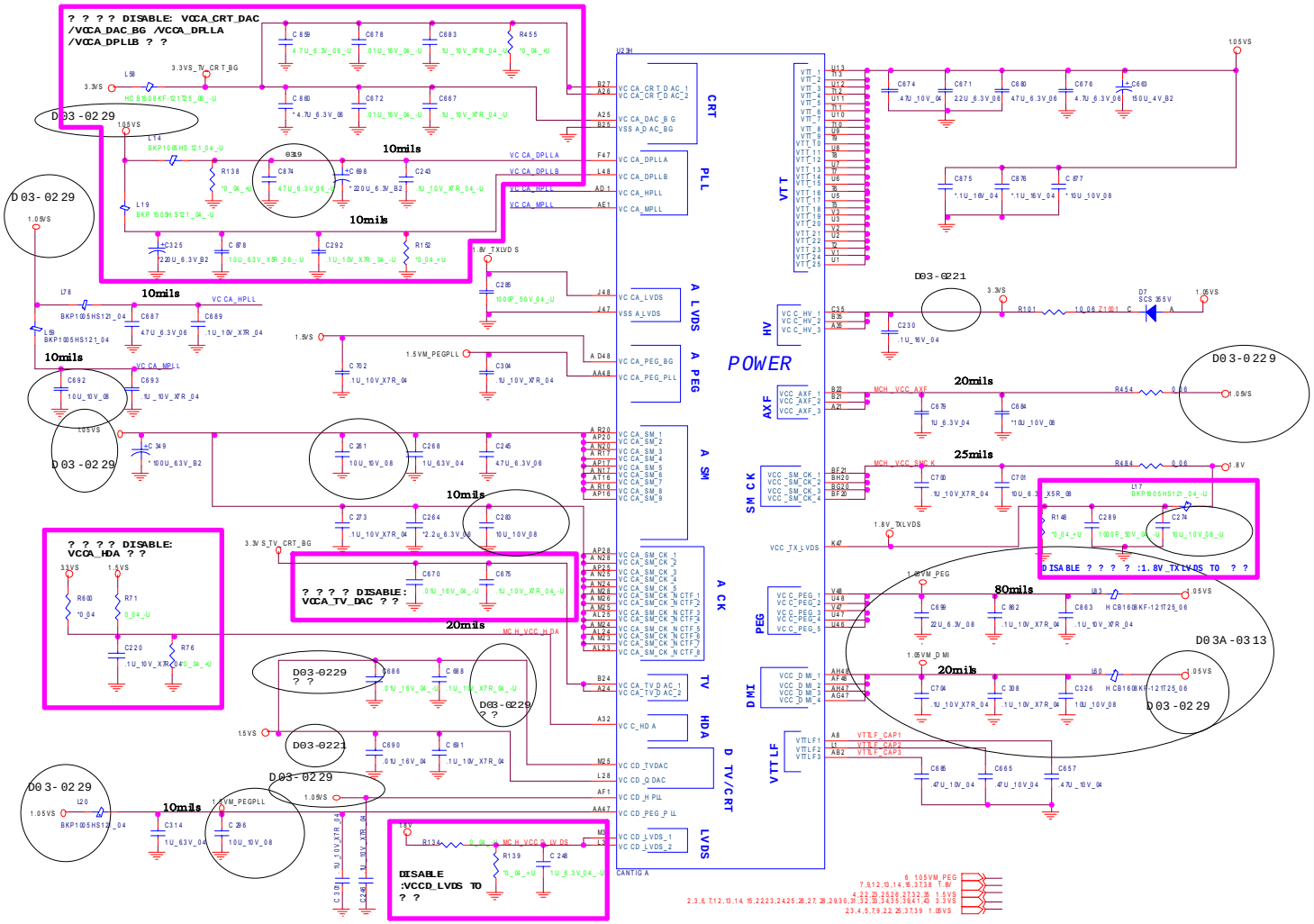
Sheet 8 of 51
CANTIGA 4/7

CANTIGA 5/7

Sheet 9 of 51
CANTIGA 5/7



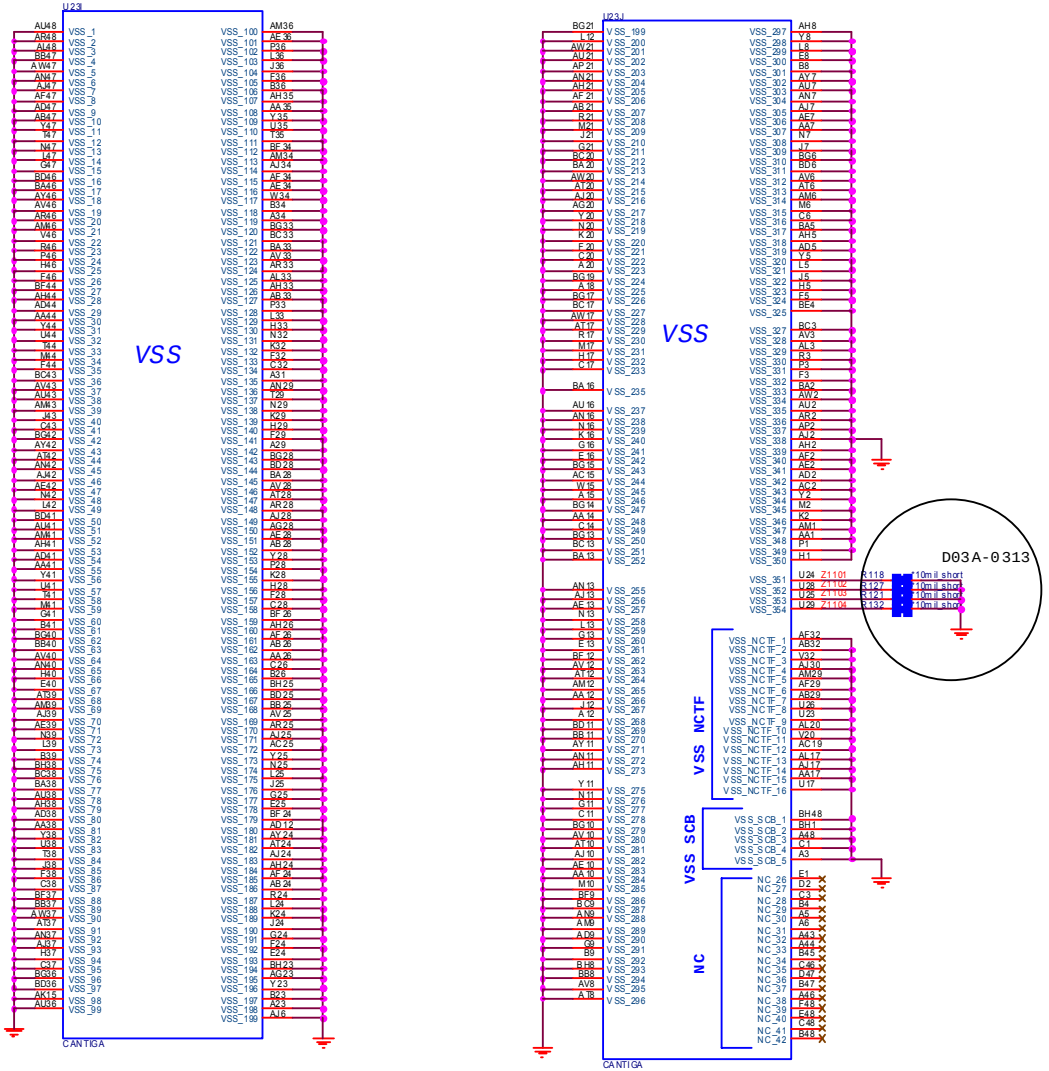
CANTIGA 6/7



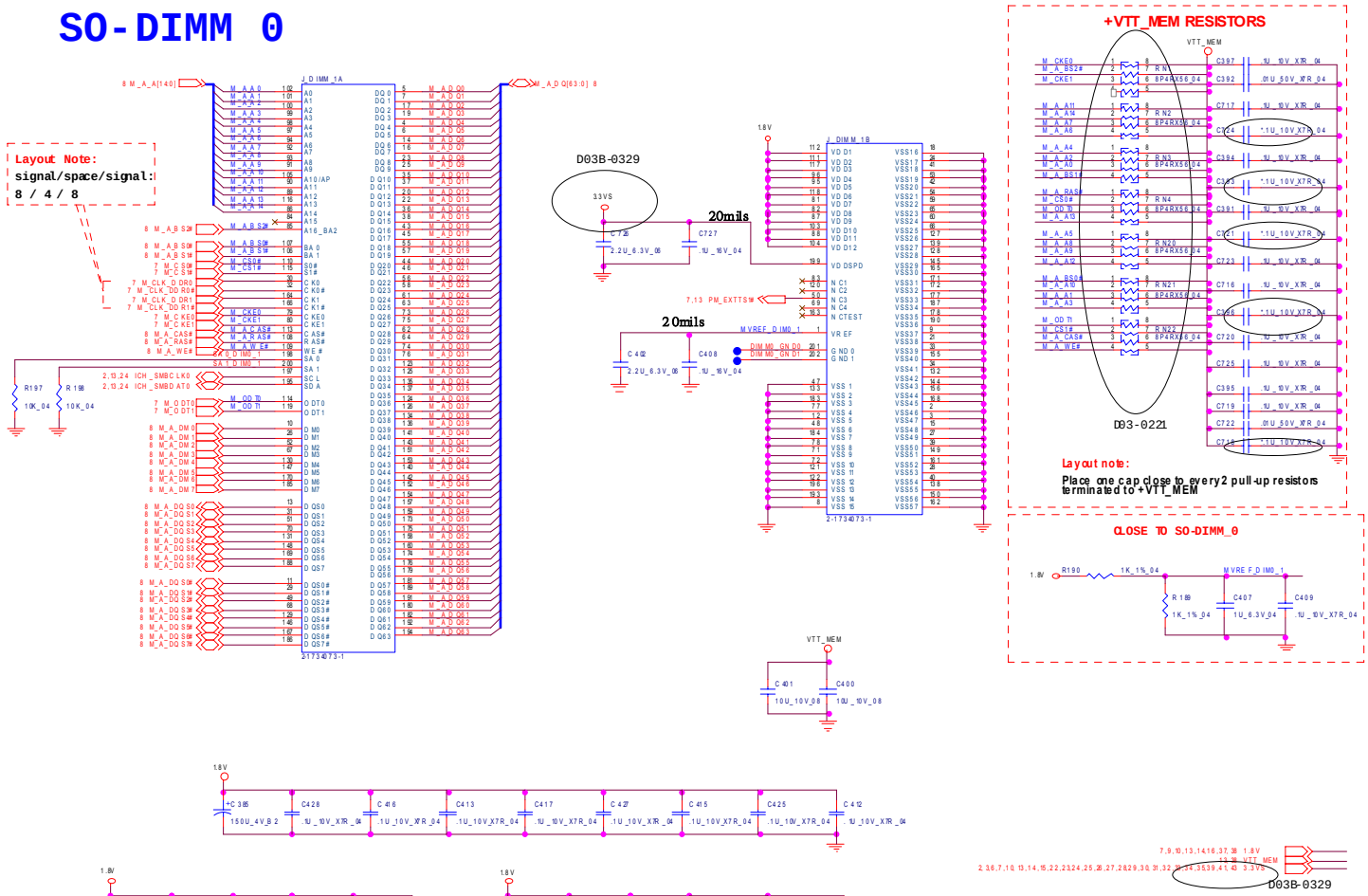
Sheet 10 of 51
CANTIGA 6/7

CANTIGA 7/7

Sheet 11 of 51
CANTIGA 7/7



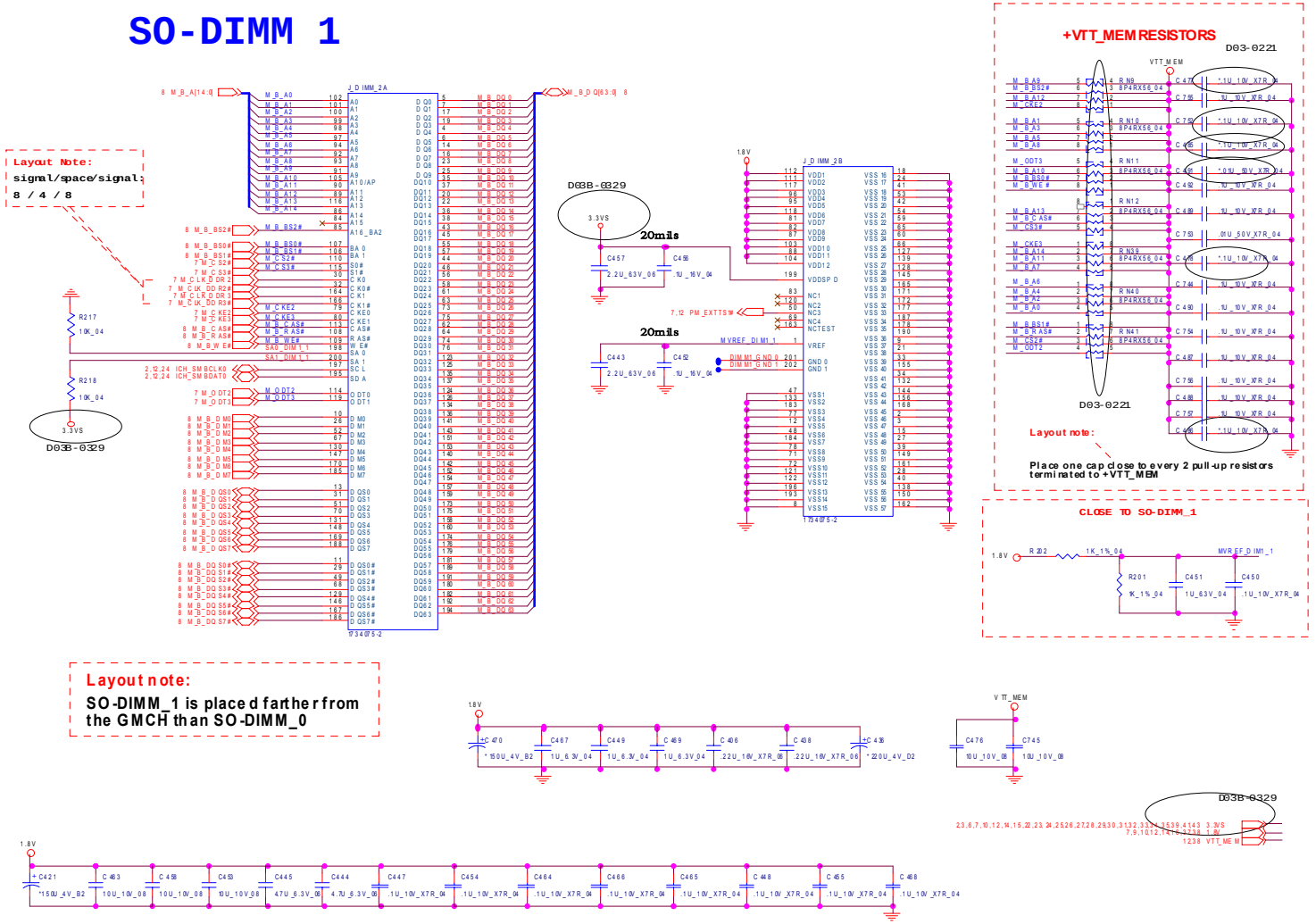
DDRII SO-DIMM - 0



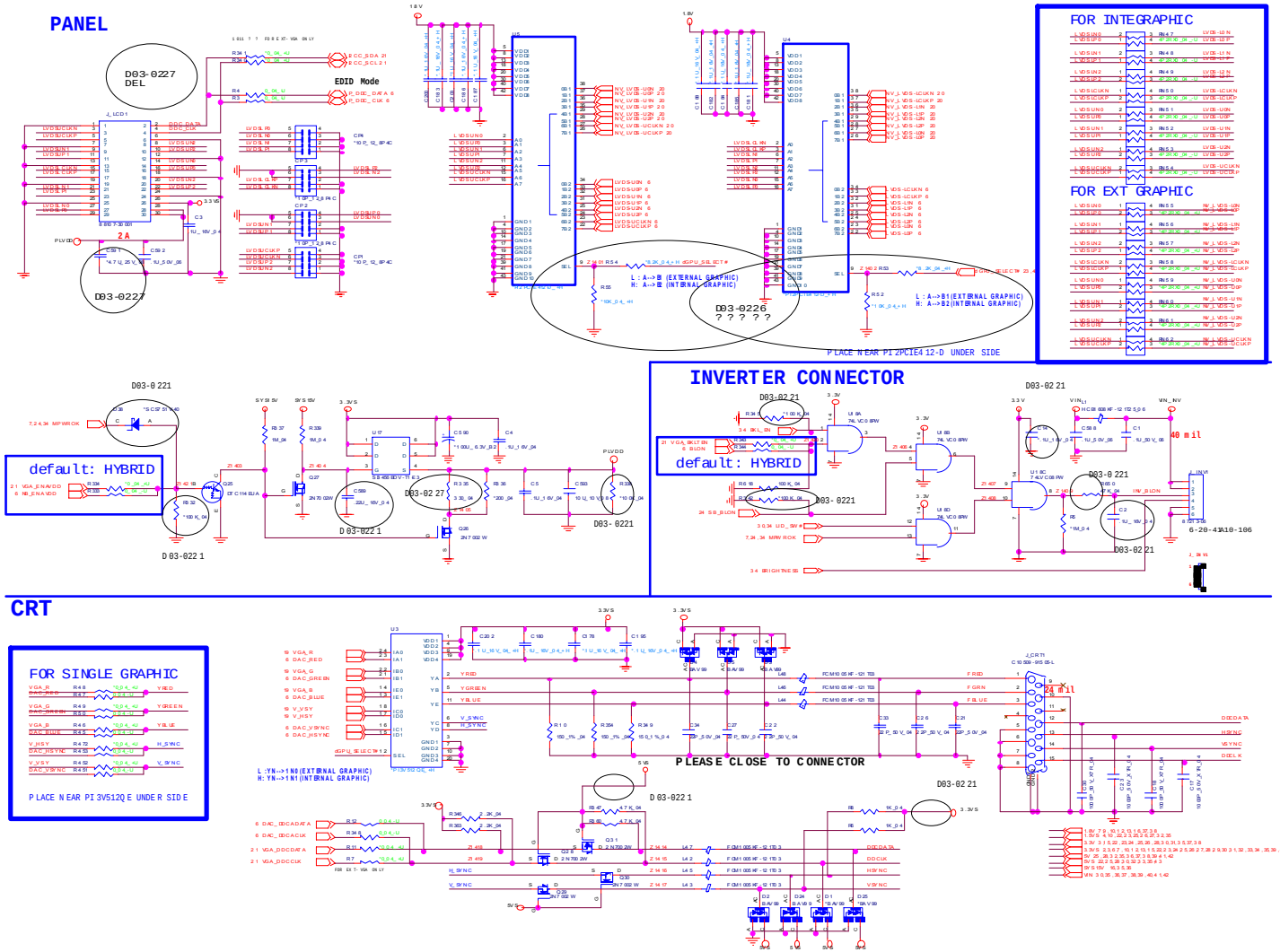
Sheet 12 of 51
DDRII SO-DIMM - 0

DDRII SO-DIMM - 1

Sheet 13 of 51
DDRII SO-DIMM - 1



Panel, Inverter, CRT

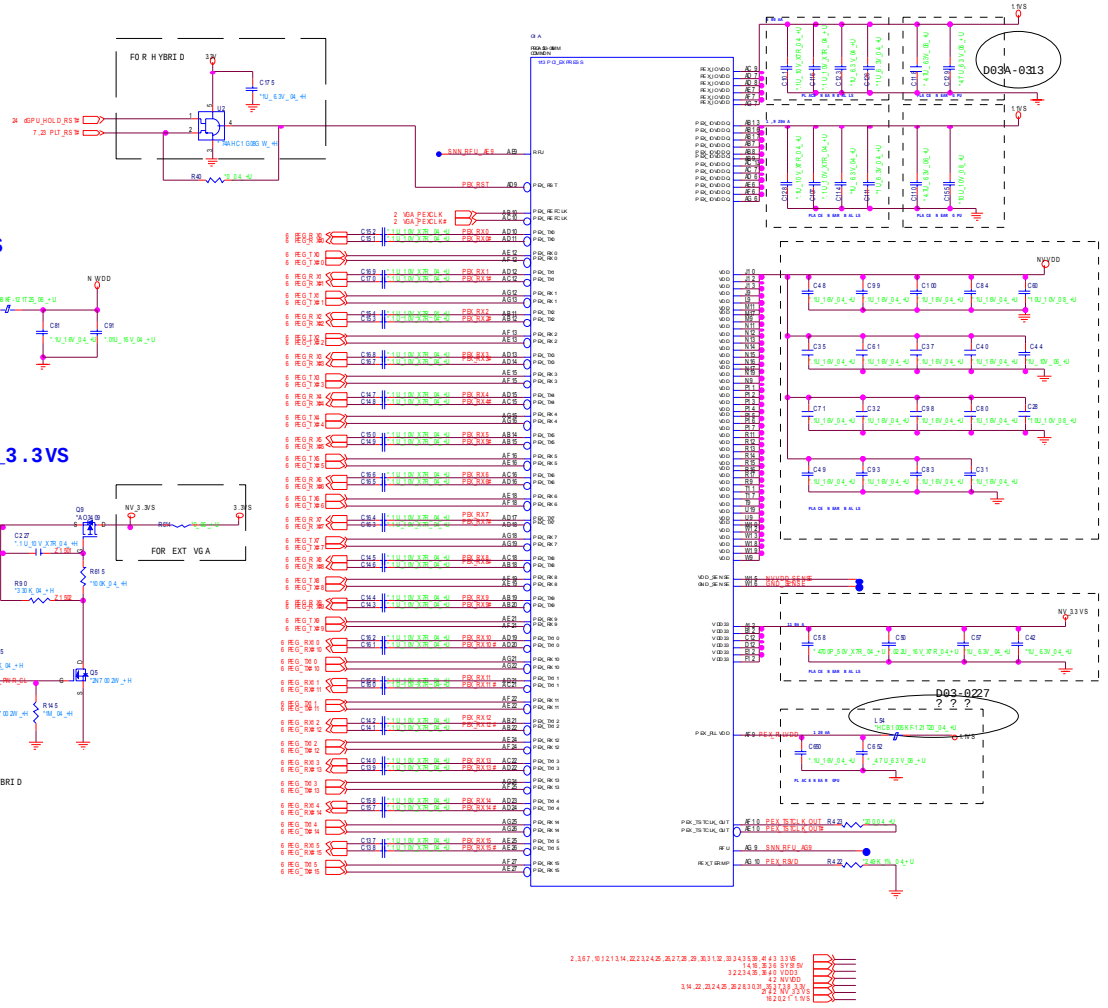


Sheet 14 of 51
Panel, Inverter, CRT

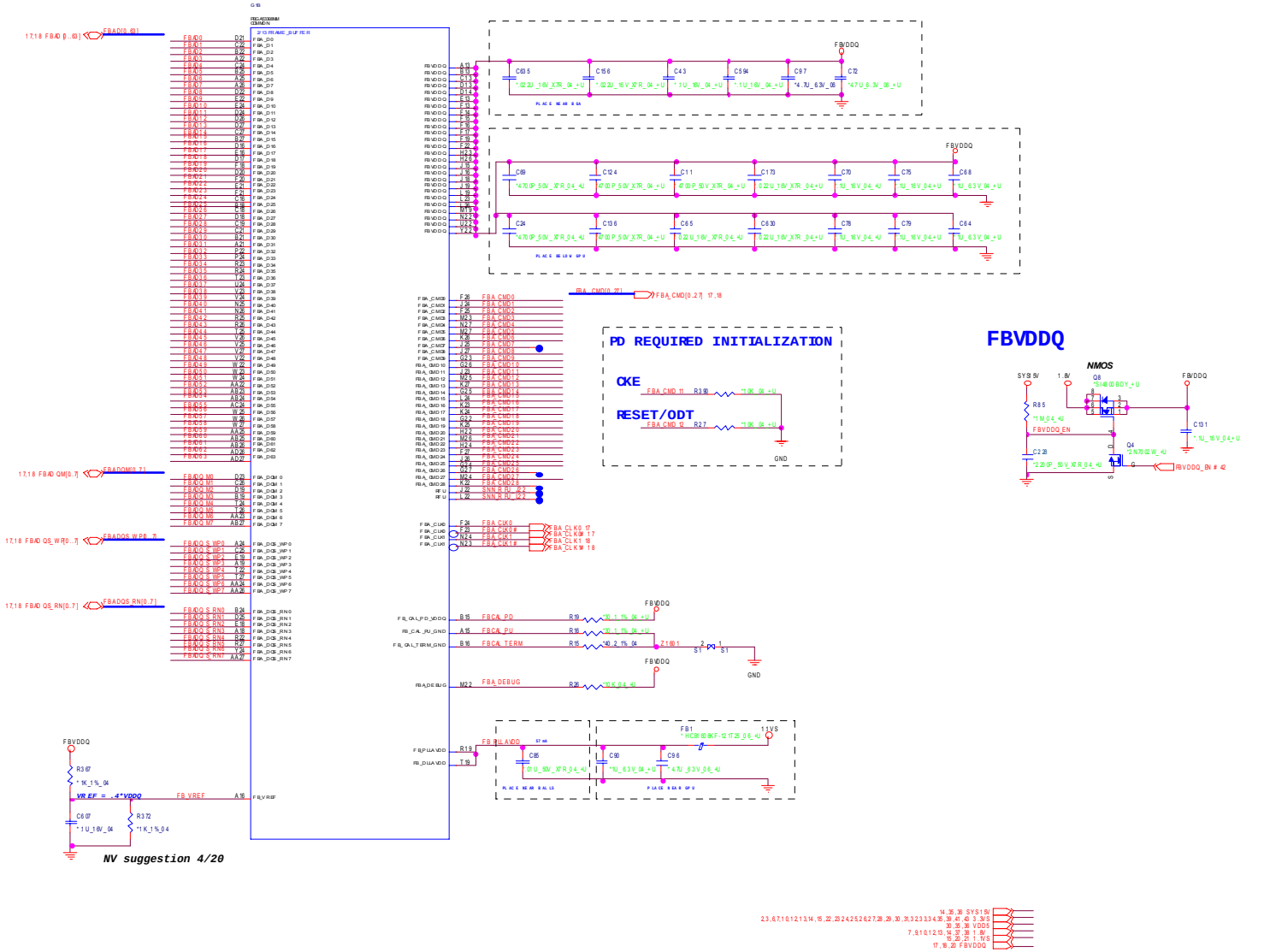
B.Schematic Diagrams

VGA NB9M-1

Sheet 15 of 51
VGA NB9M-1



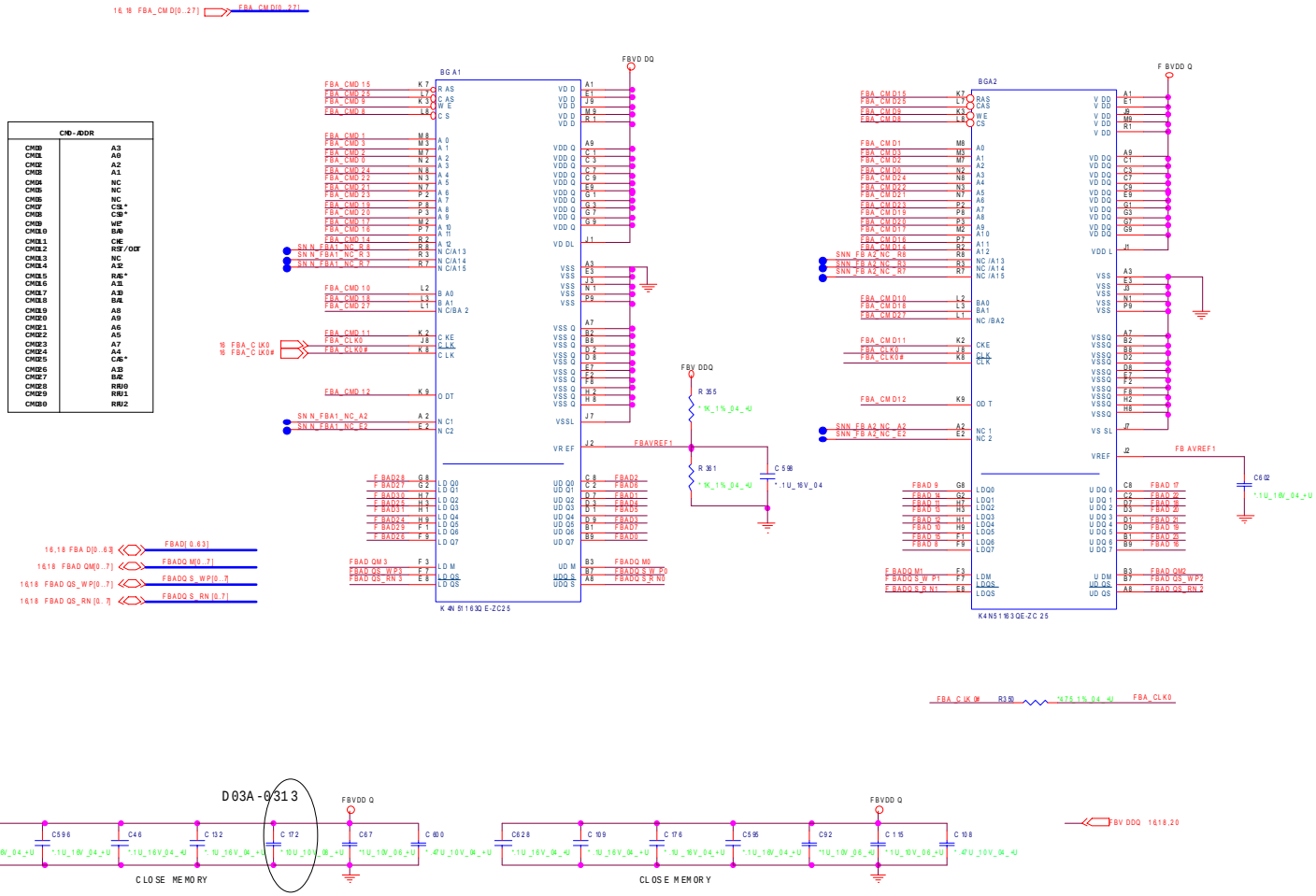
VGA NB9M-2



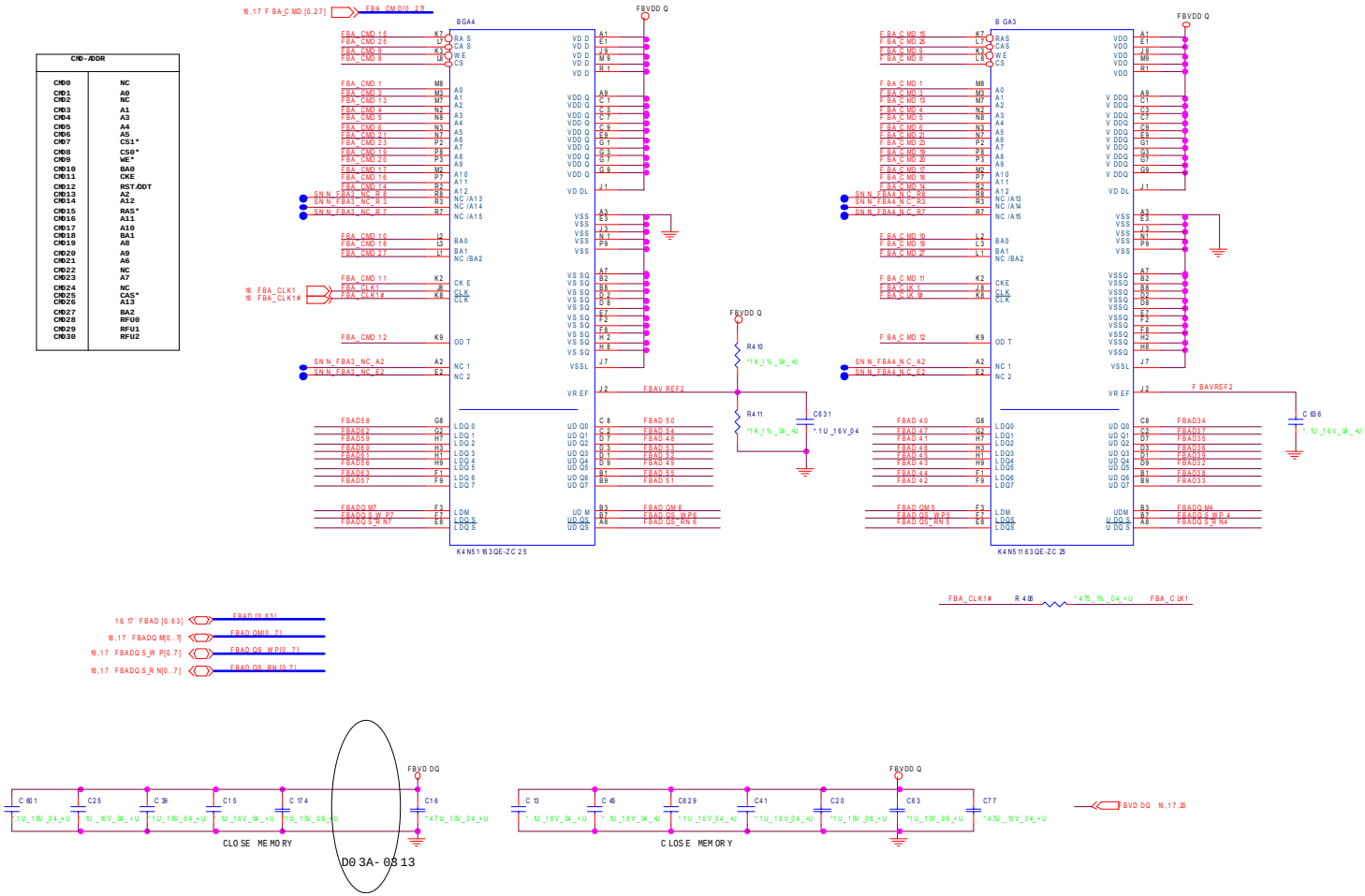
Sheet 16 of 51
VGA NB9M-2

VGA NB9M-3

Sheet 17 of 51
VGA NB9M-3



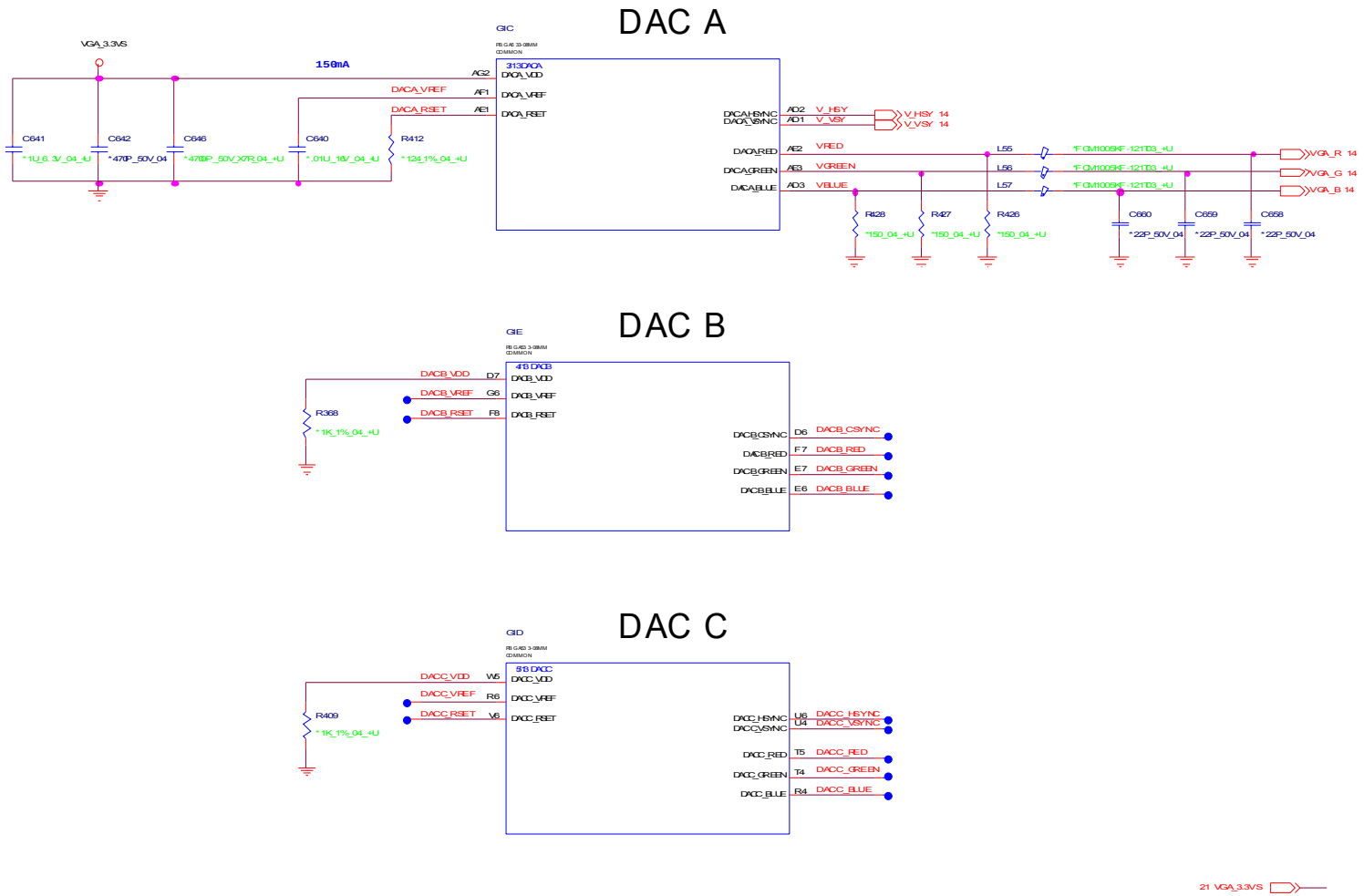
VGA NB9M-4



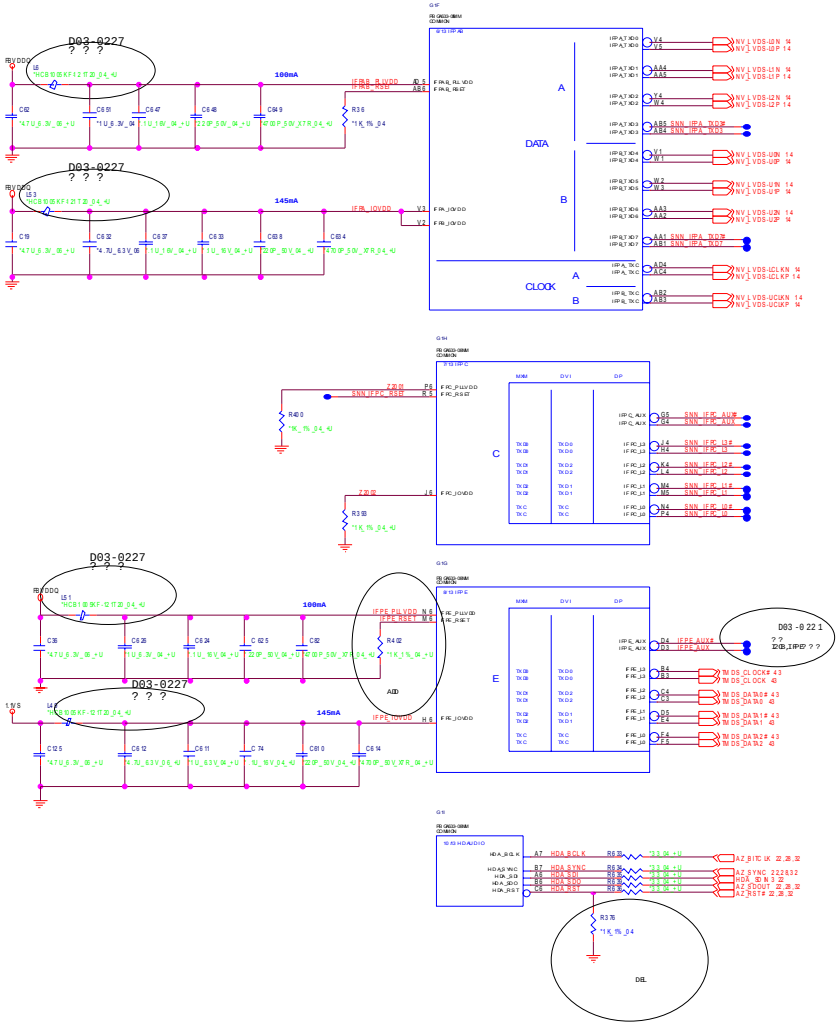
Sheet 18 of 51
VGA NB9M-4

VGA NB9M-5

Sheet 19 of 51
VGA NB9M-5



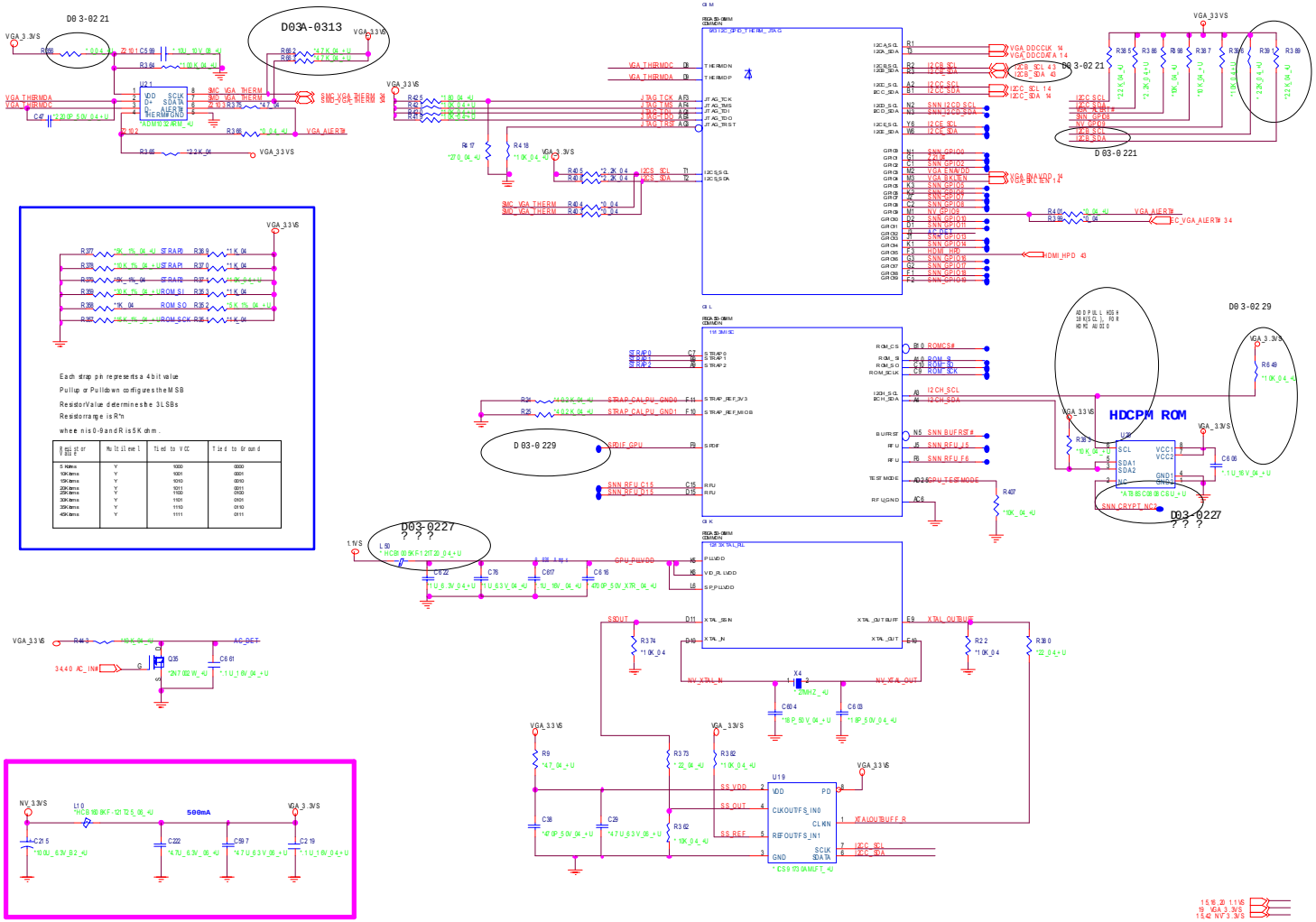
VGA NB9M-6



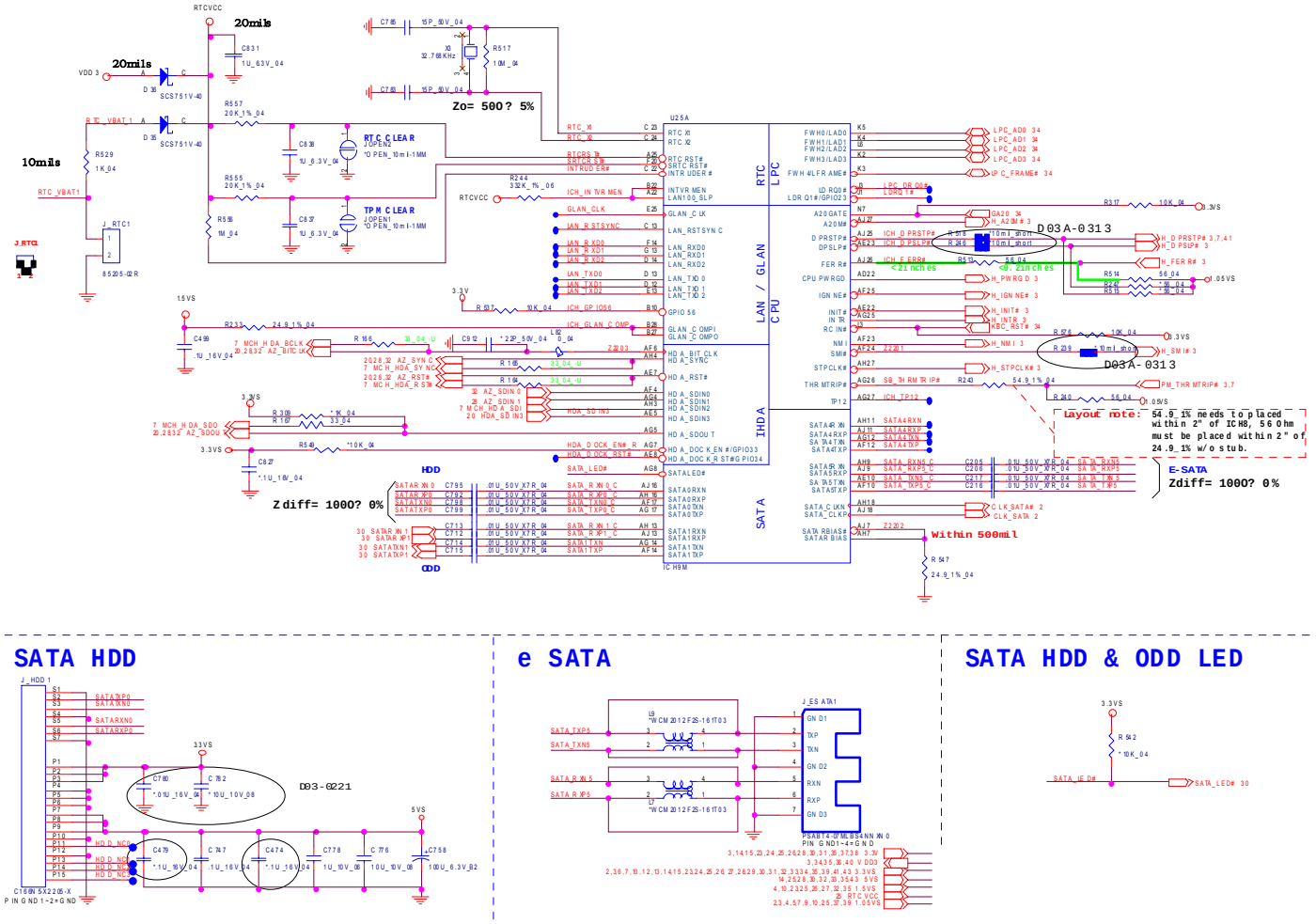
Sheet 20 of 51
VGA NB9M-6

VGA NB9M-7

Sheet 21 of 51
VGA NB9M-7



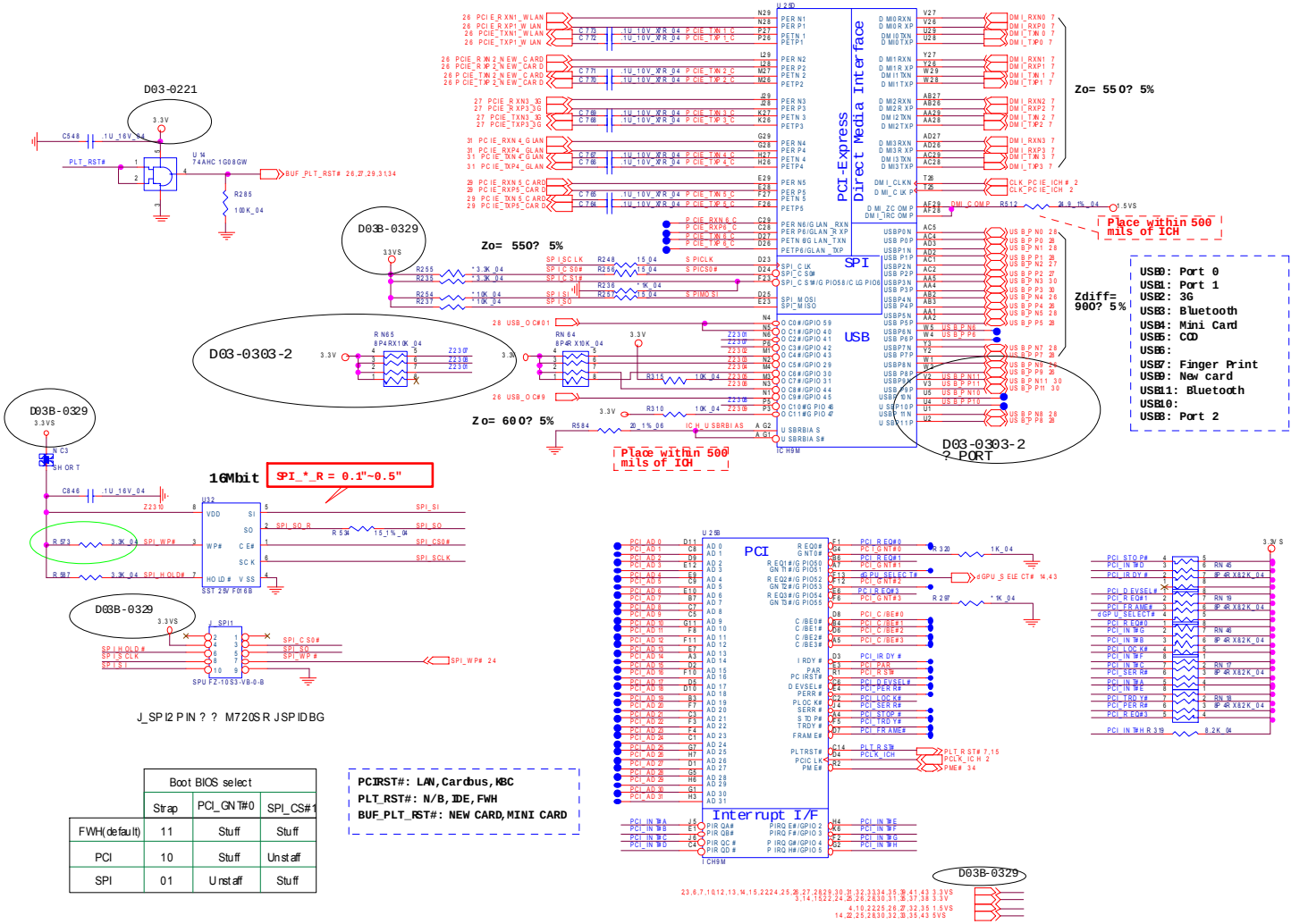
ICH9M 1/4, SATA



Sheet 22 of 51
ICH9M 1/4, SATA

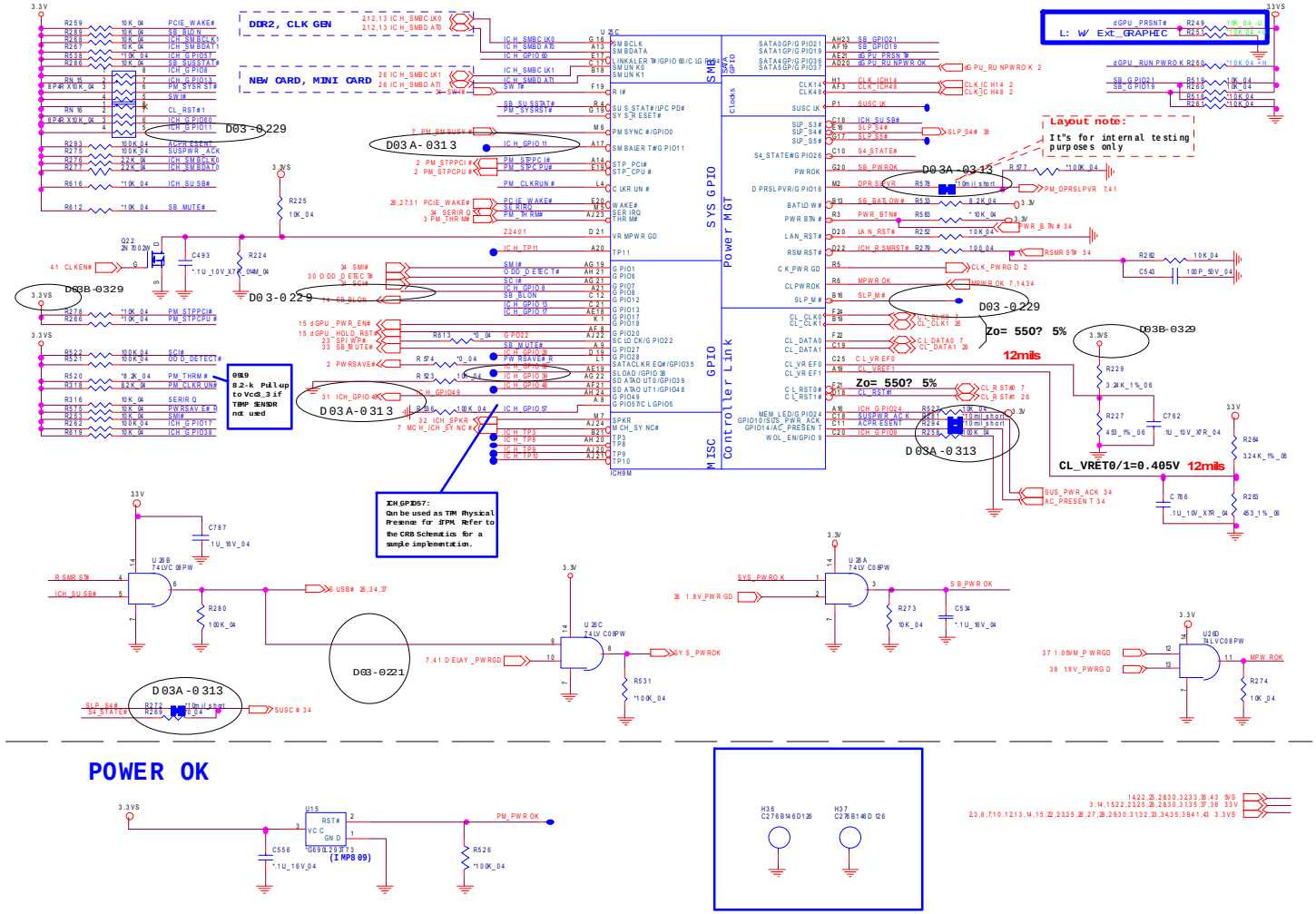
ICH9M 2/4, PCI, USB

Sheet 23 of 51
ICH9M 2/4,
PCI, USB



Boot BIOS select			
	Strap	PCI_GNT#0	SPI_CS#1
FWH(default)	11	Stuff	Stuff
PCI	10	Stuff	Unstaff
SPI	01	Unstaff	Stuff

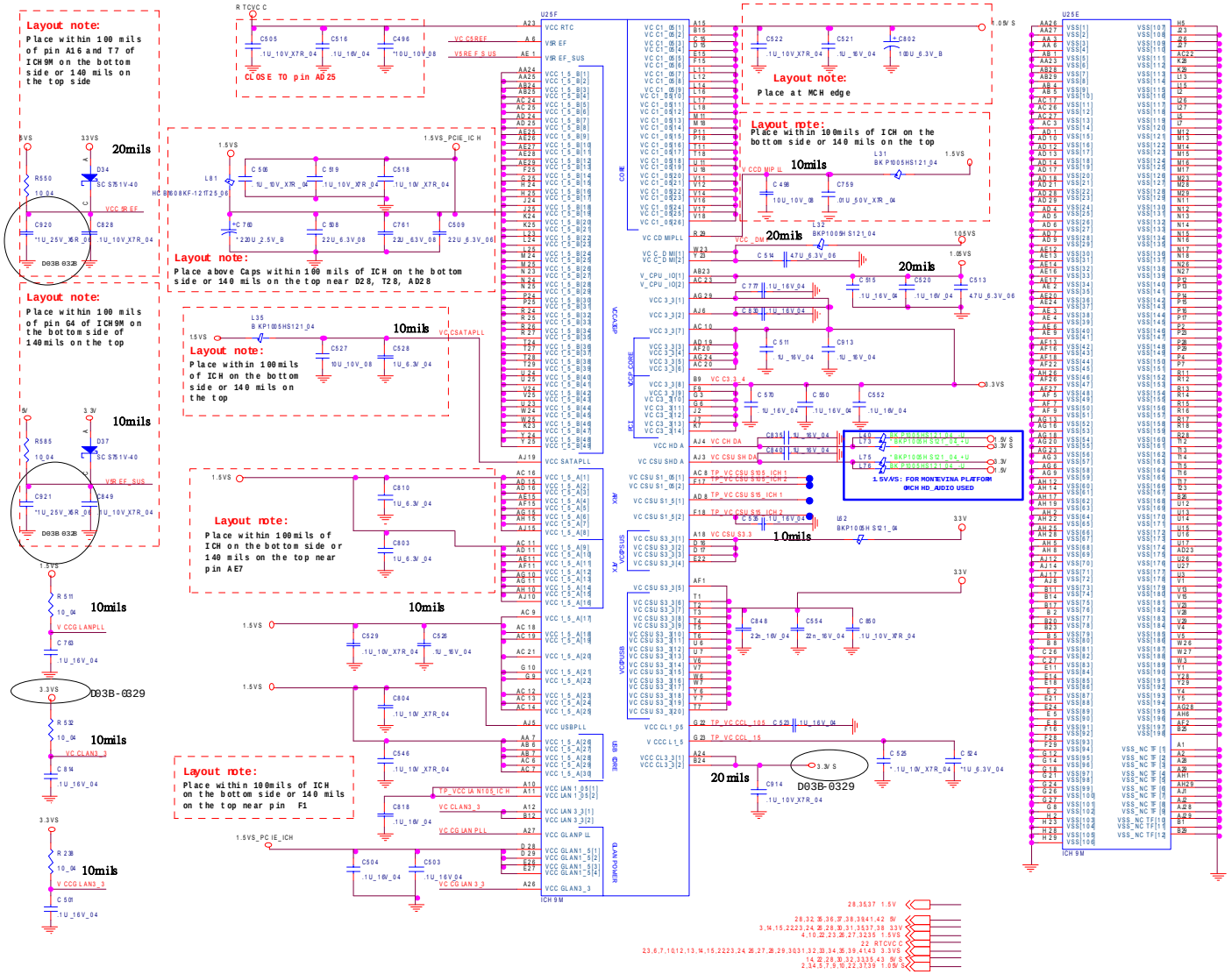
ICH9M 3/4



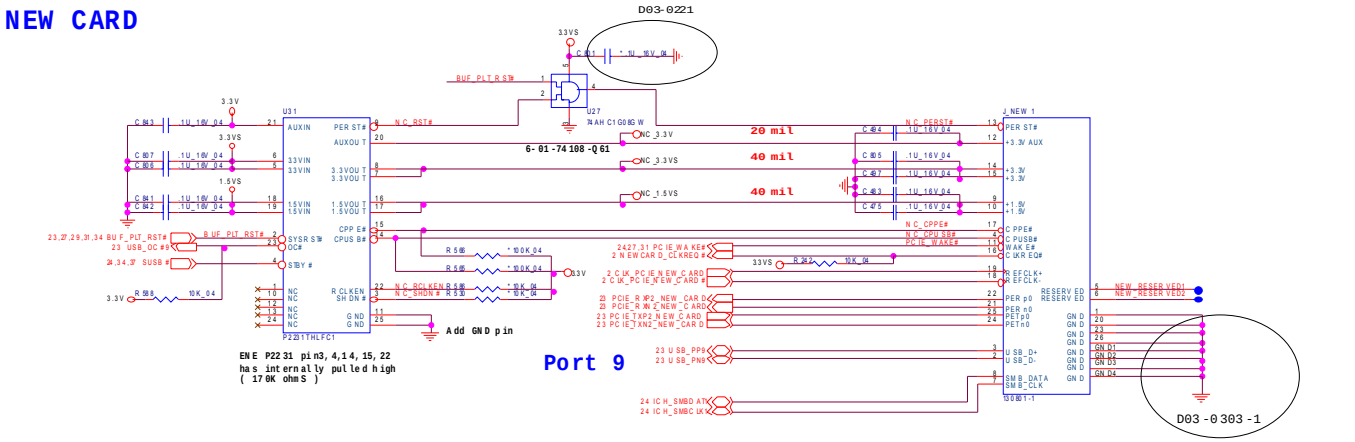
Sheet 24 of 51
ICH9M 3/4

ICH9M 4/4

Sheet 25 of 51
ICH9M 4/4



New Card, Mini PCIE

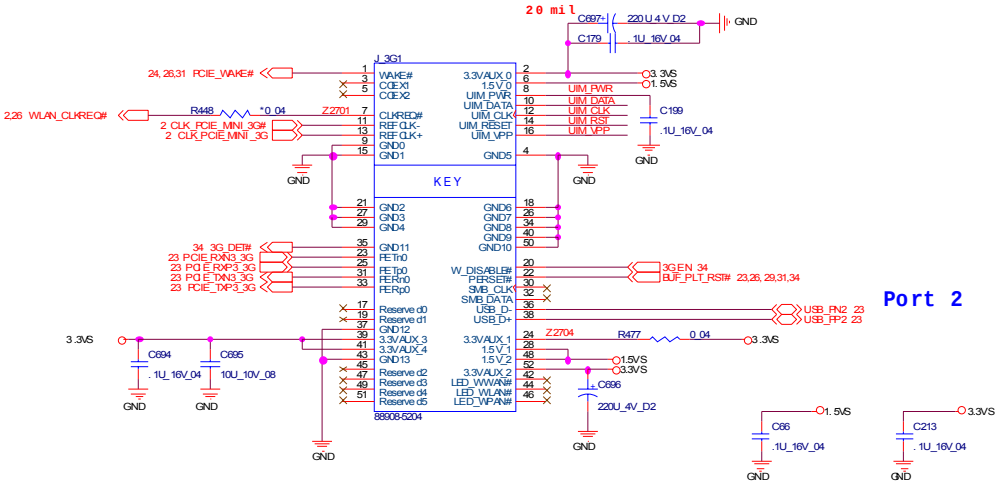


Sheet 26 of 51
New Card,
Mini PCIE

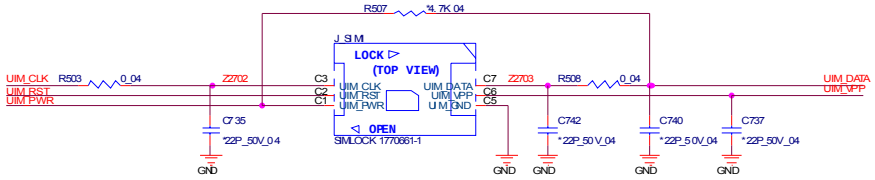
3G, Powergood

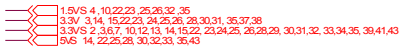
Sheet 27 of 51
3G, Powergood

3G

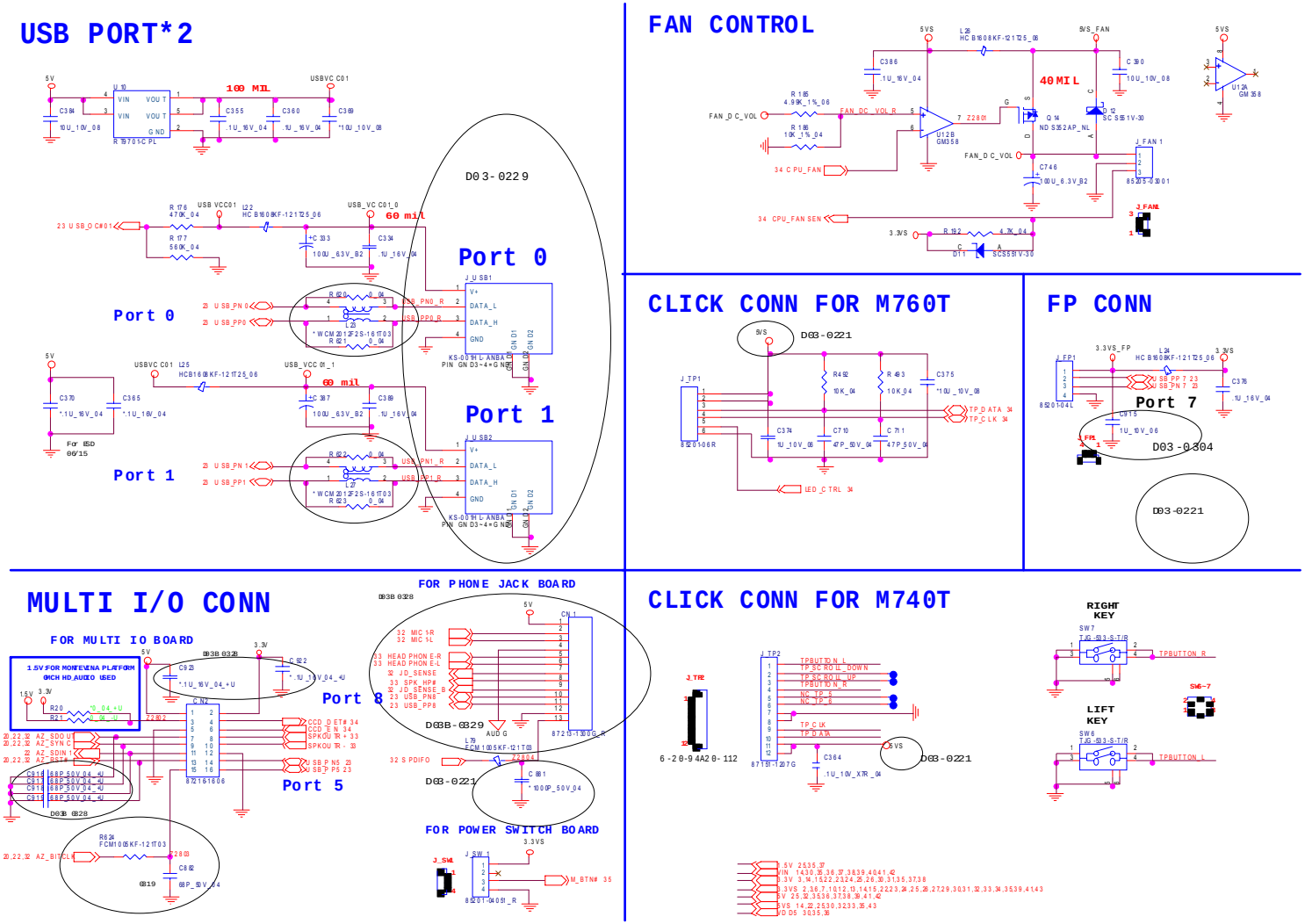


SIM CONN





USB, Fan, TP, FP, Multi CON

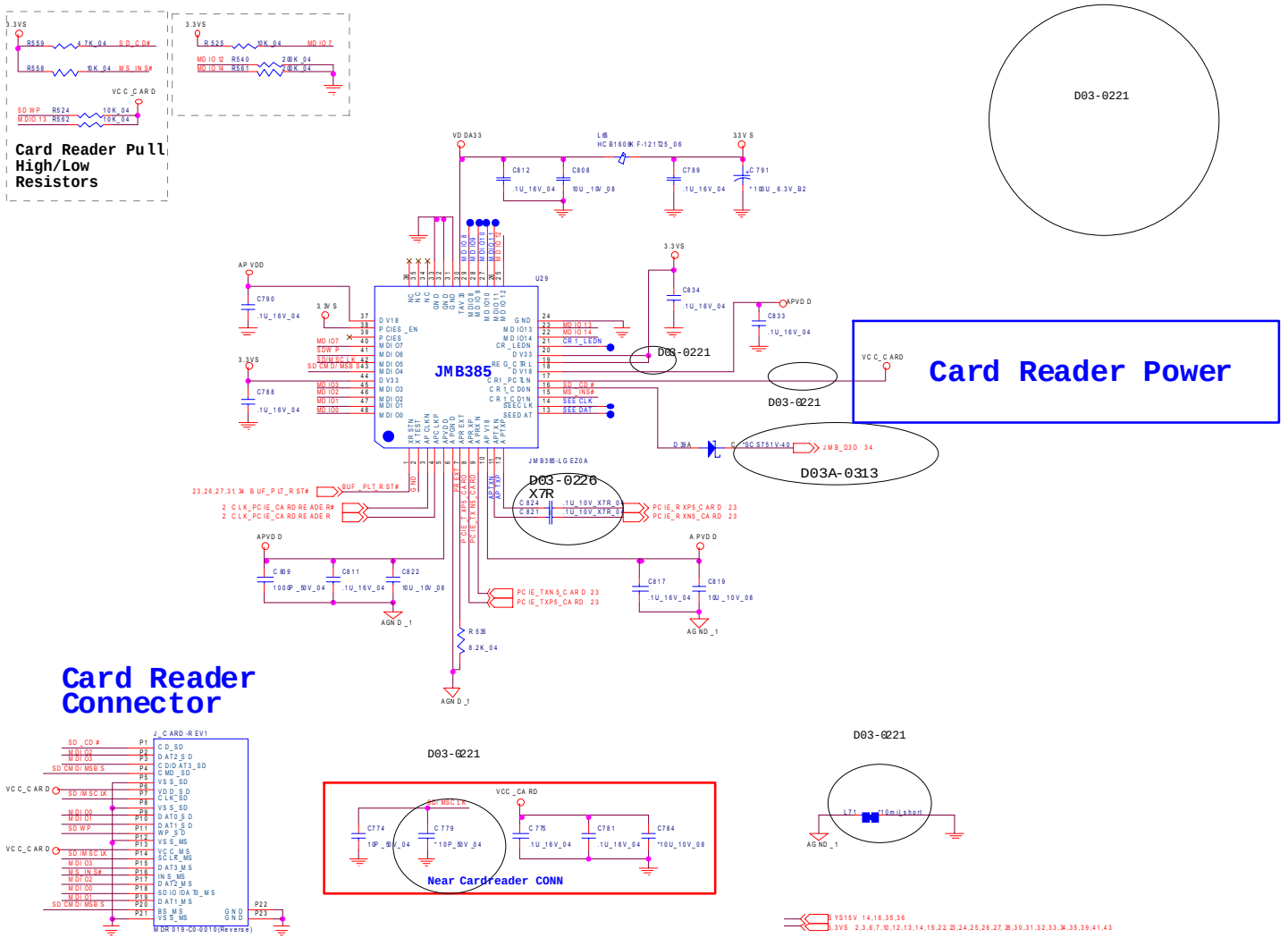


Sheet 28 of 51
USB, Fan, TP, FP, Multi CON

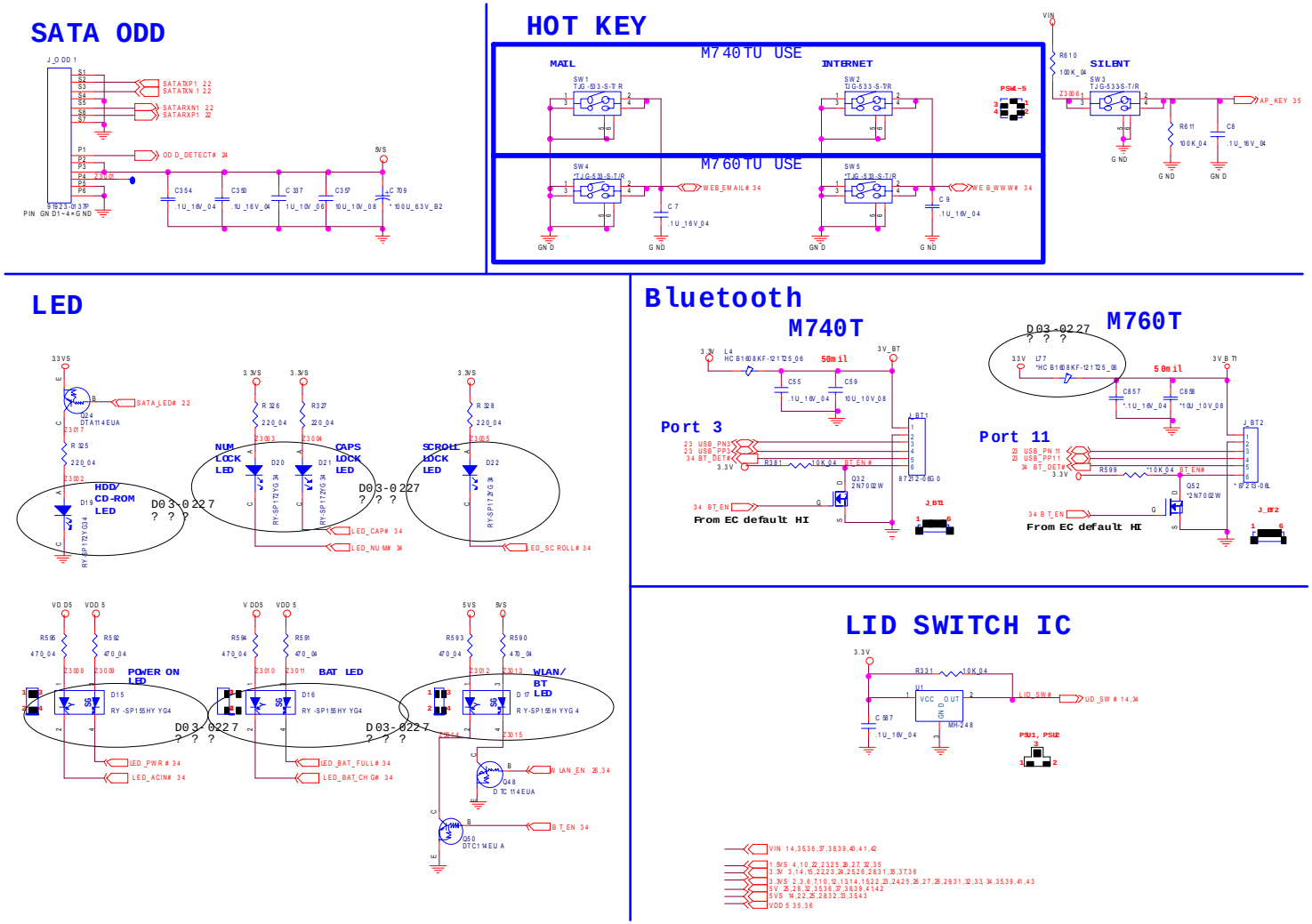
B.Schematic Diagrams

Card Reader

Sheet 29 of 51
Card Reader



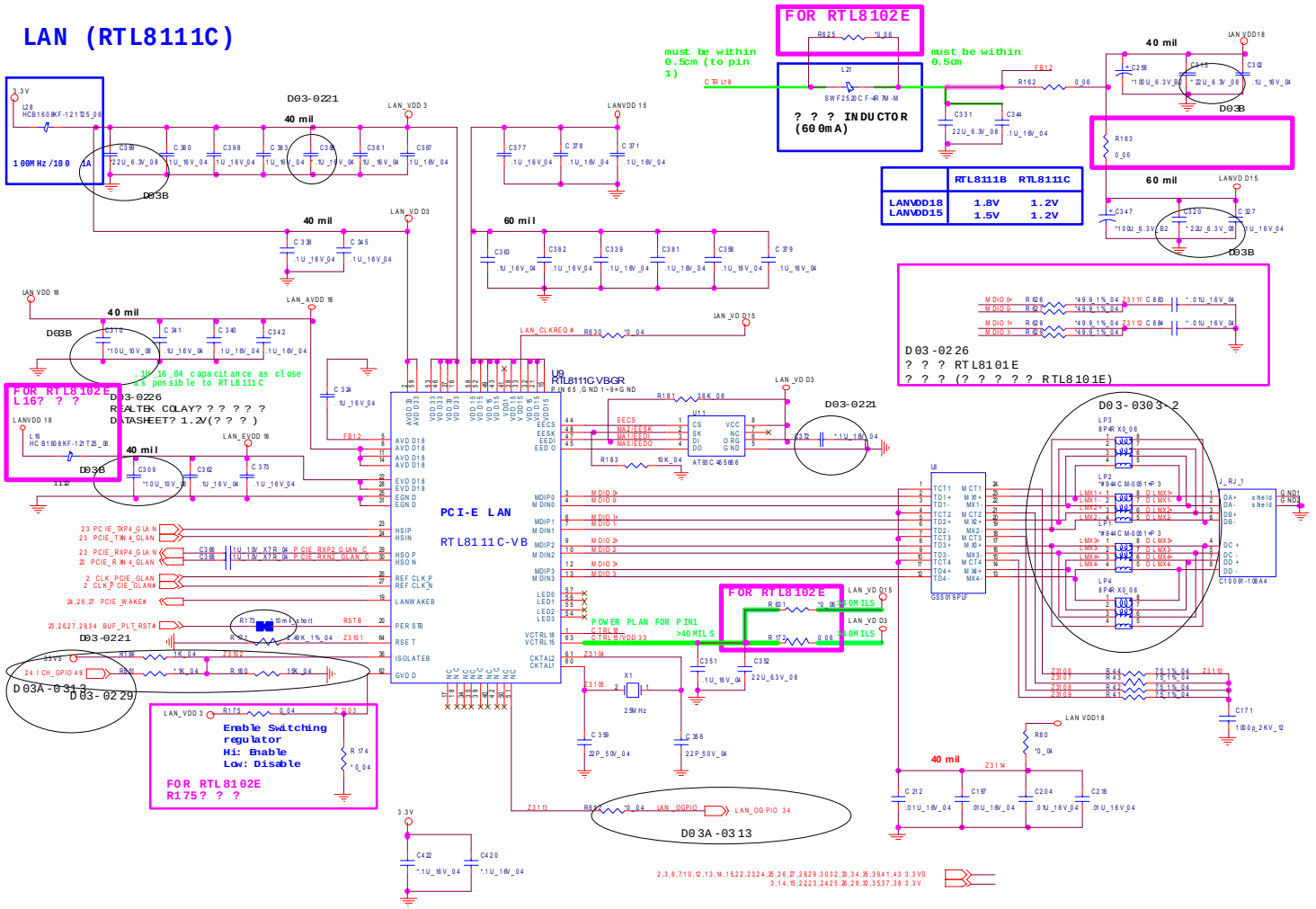
SATA ODD, LED, Hotkey, LID SW



Sheet 30 of 51
SATA ODD, LED, Hotkey, LID SW

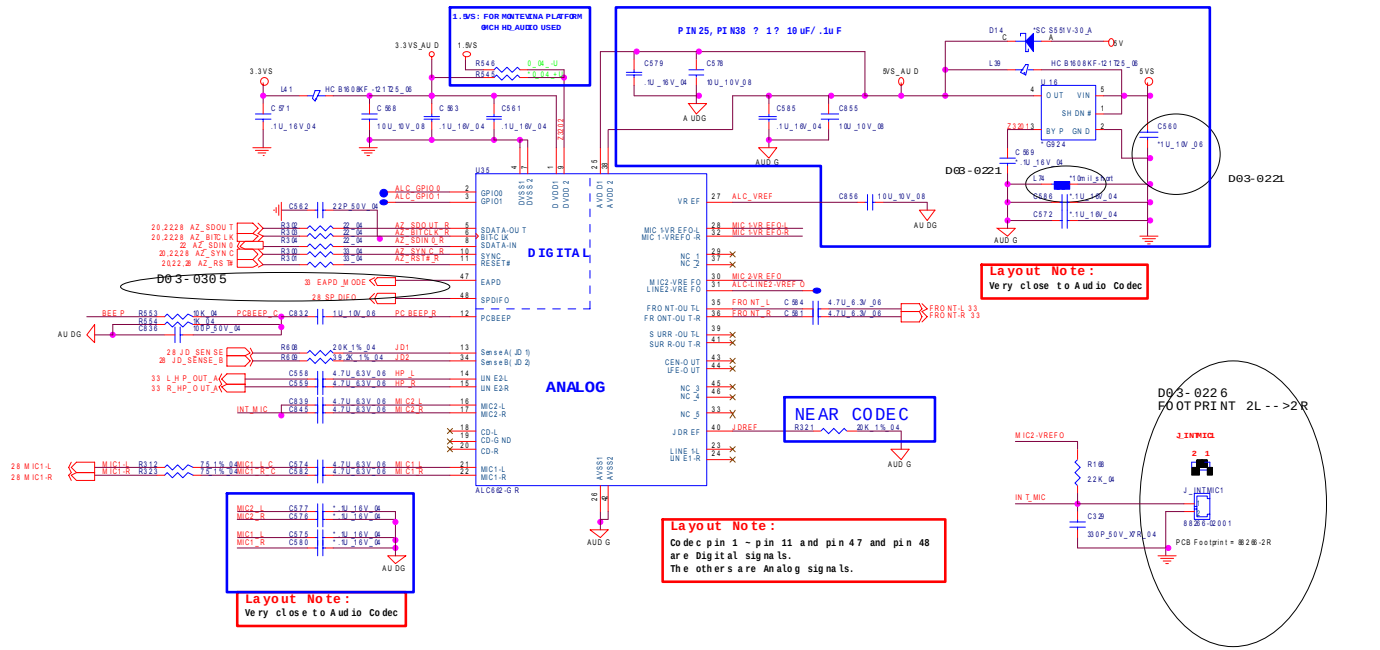
PCI-E LAN RTL8111C

Sheet 31 of 51
PCI-E LAN
RTL8111C

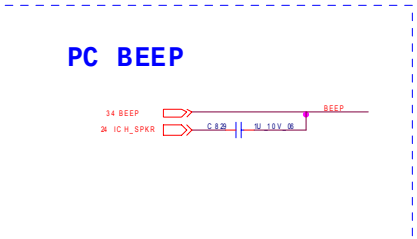


Audio Codec ALC662

CODEC (ALC662-GR)



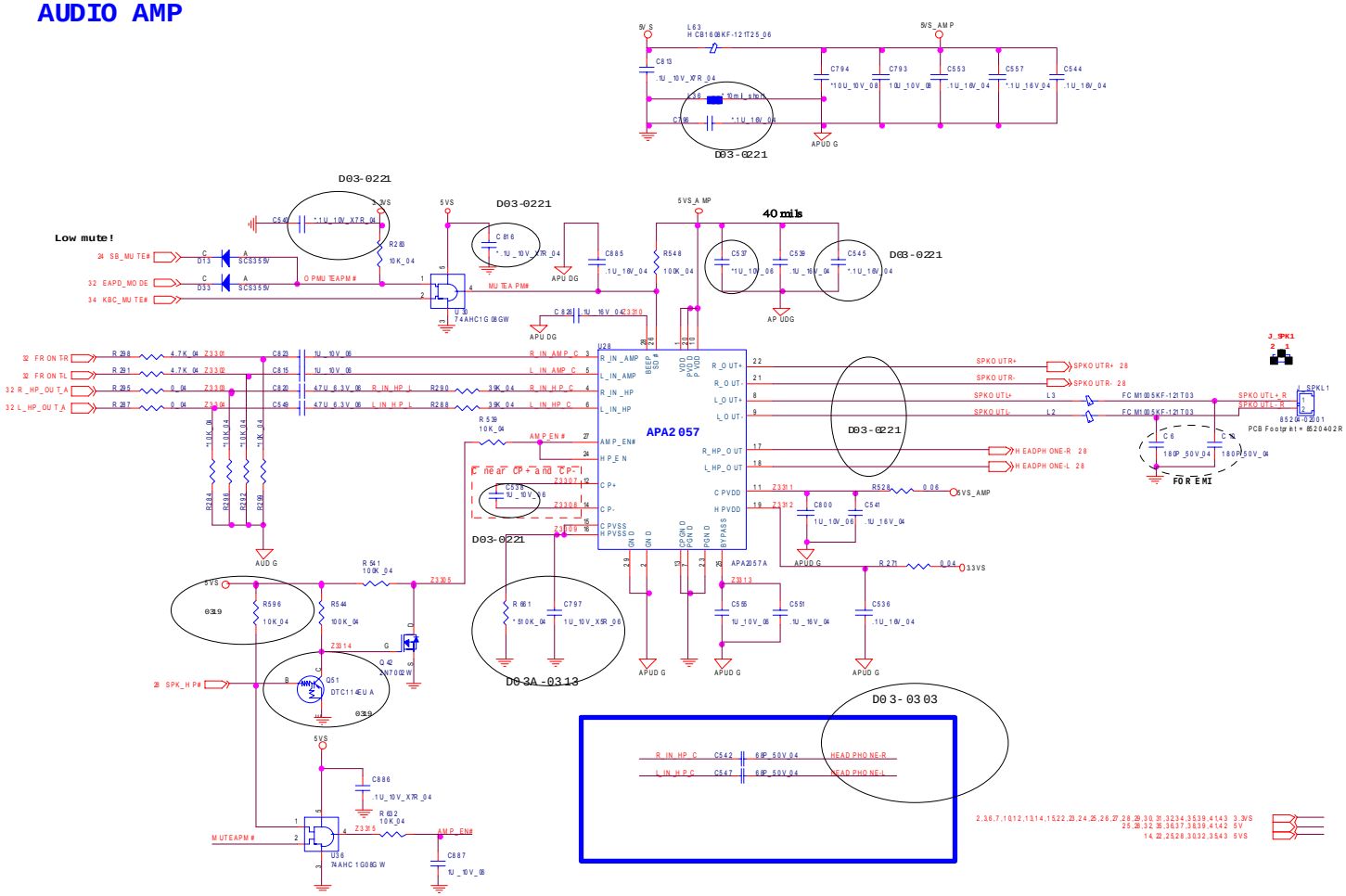
PC BEEP



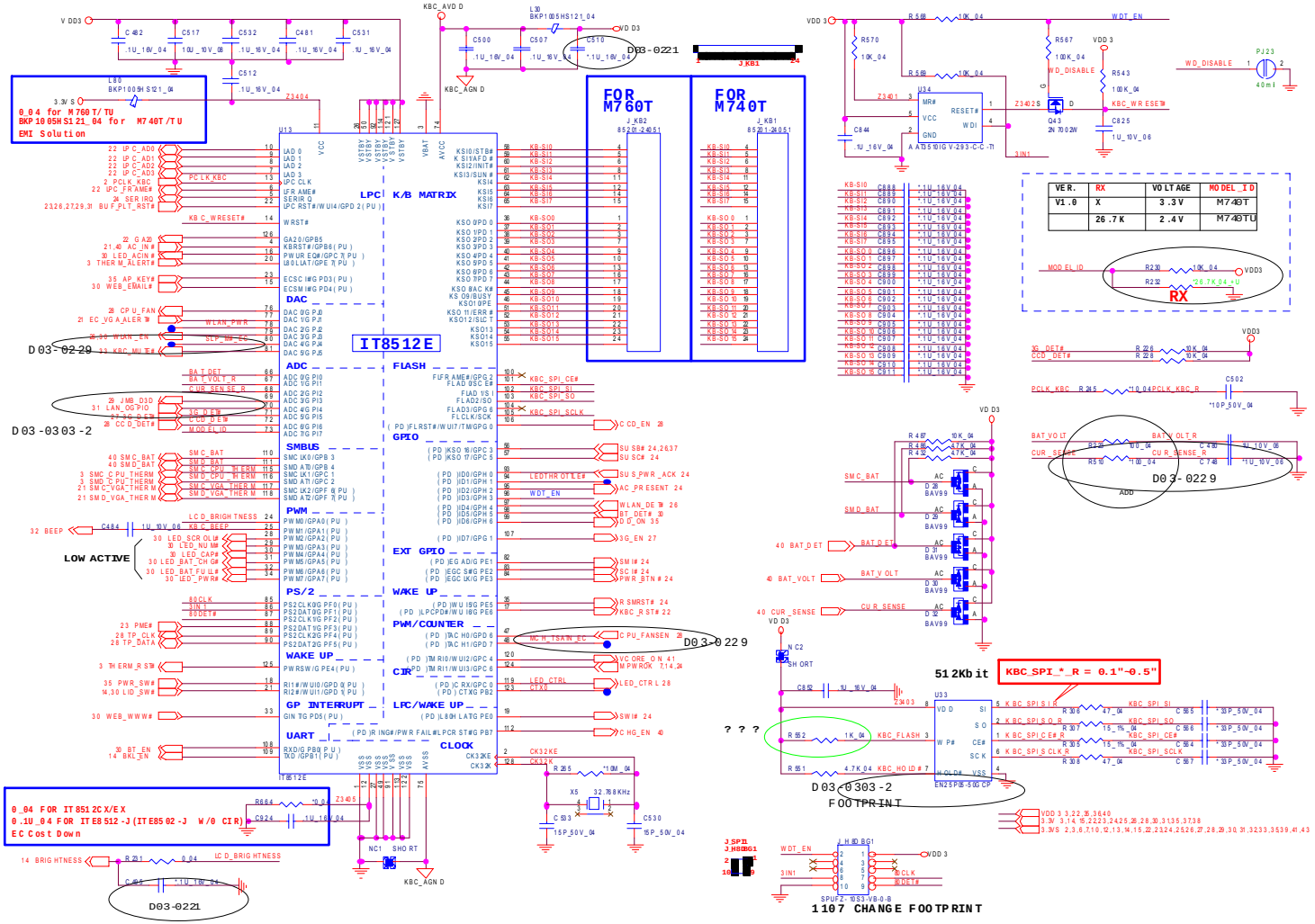
Sheet 32 of 51
Audio Codec
ALC662

Audio AMP

Sheet 33 of 51
Audio AMP



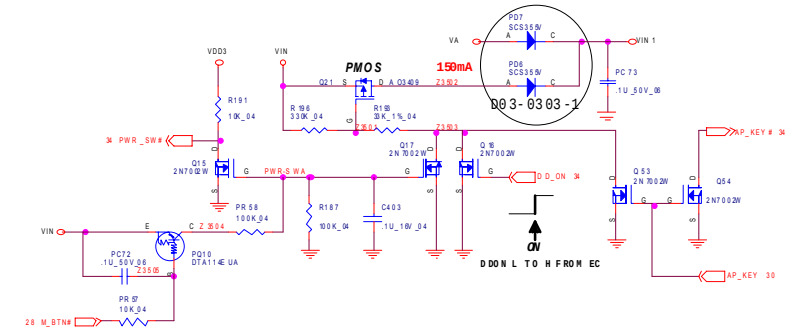
KBC-ITE IT8512E



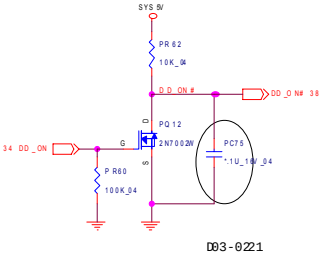
Sheet 34 of 51
KBC-ITE IT8512E

5VS, 3VS, 3.3VM, 1.05VS, VIN1

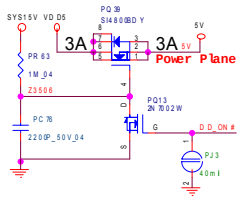
Sheet 35 of 51
5VS, 3VS, 3.3VM,
1.05VS, VIN1



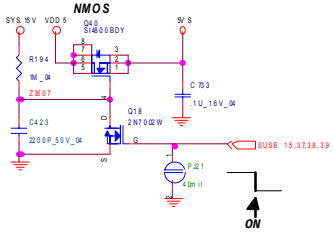
D03-0229



5V

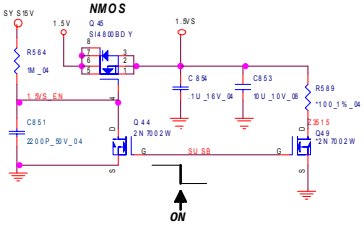


5VS

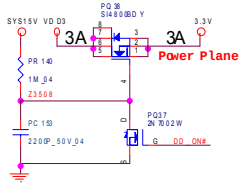


D03-0229

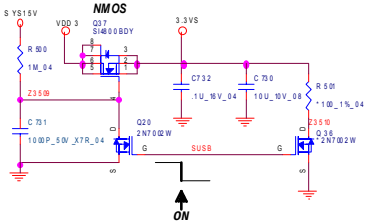
1.5VS



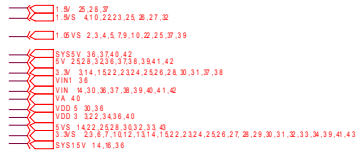
3.3V



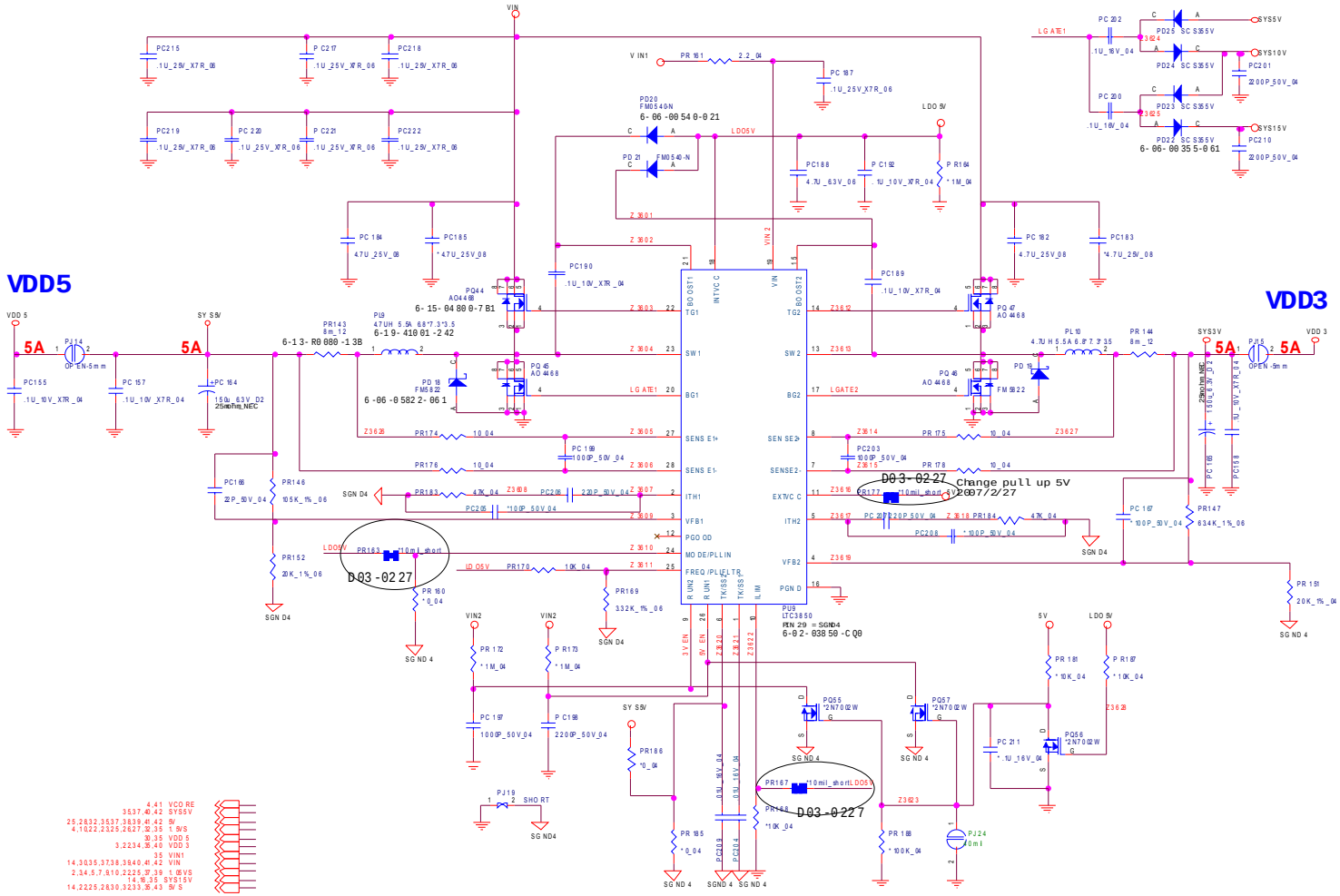
3.3VS



D03B-0329



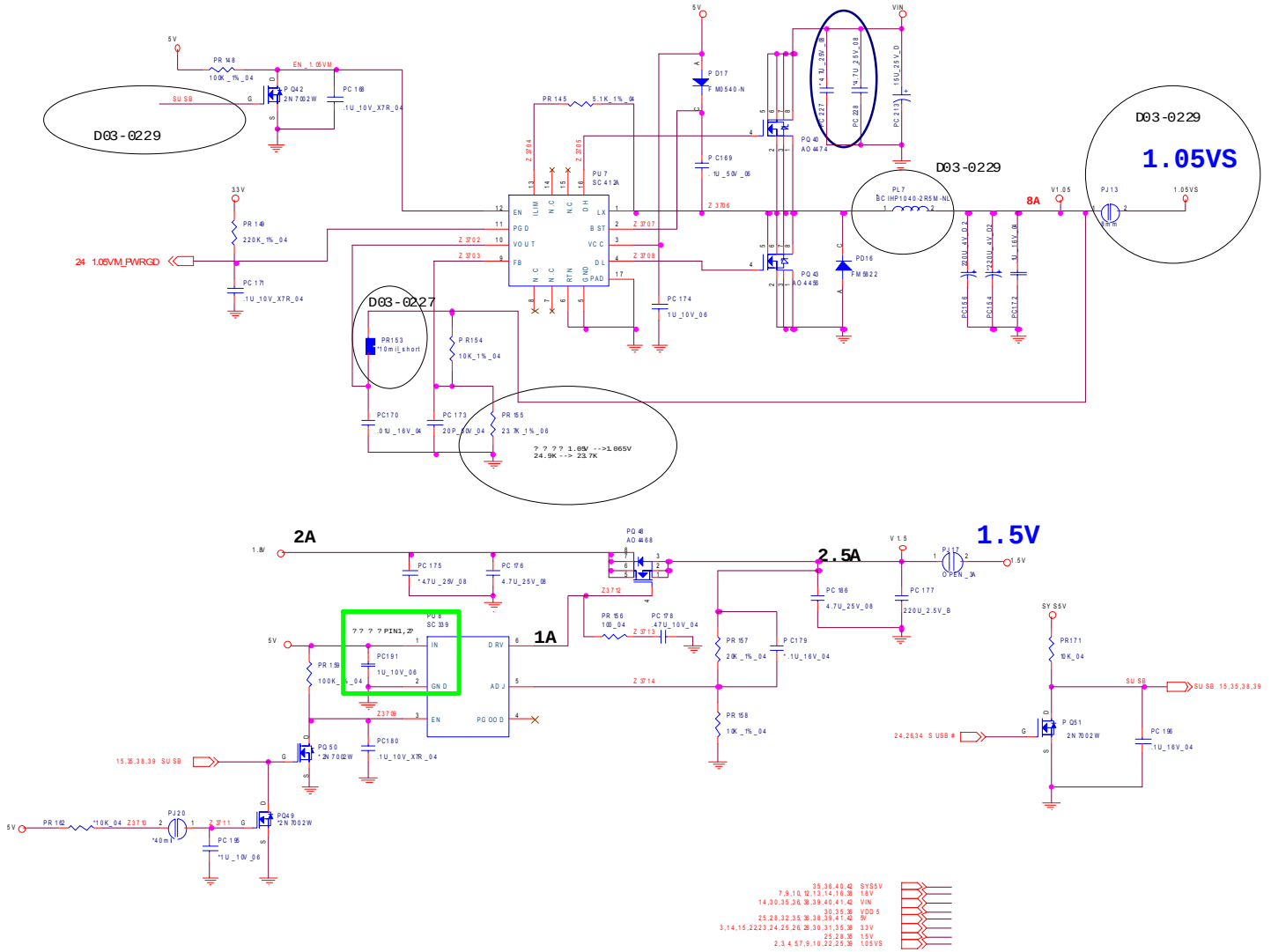
Power 3.3V/5V



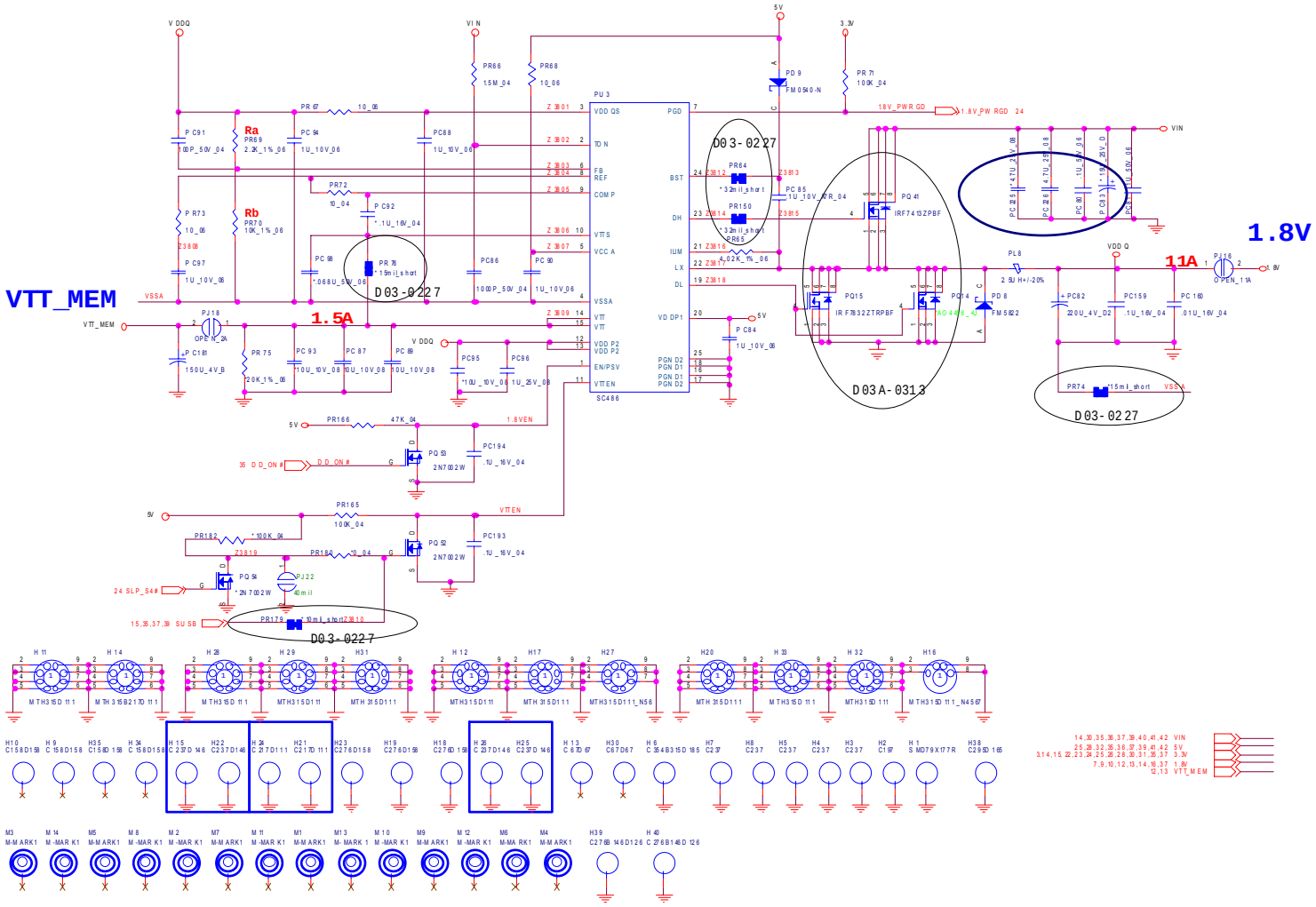
Sheet 36 of 51
Power 3.3V/5V

Power 1.5VS/1.05VS

Sheet 37 of 51
Power 1.5VS/
1.05VS



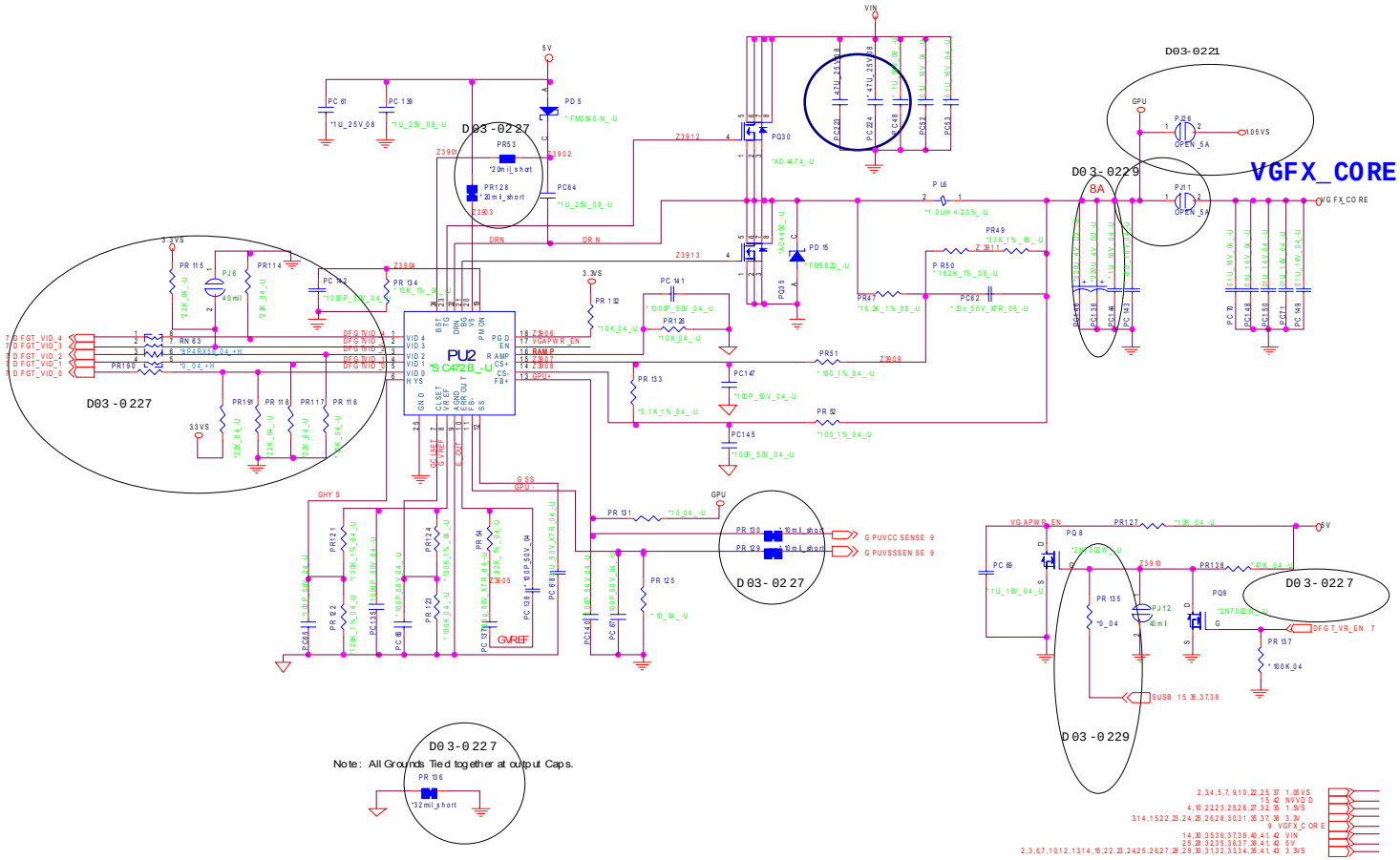
Power 1.8V/0.9V



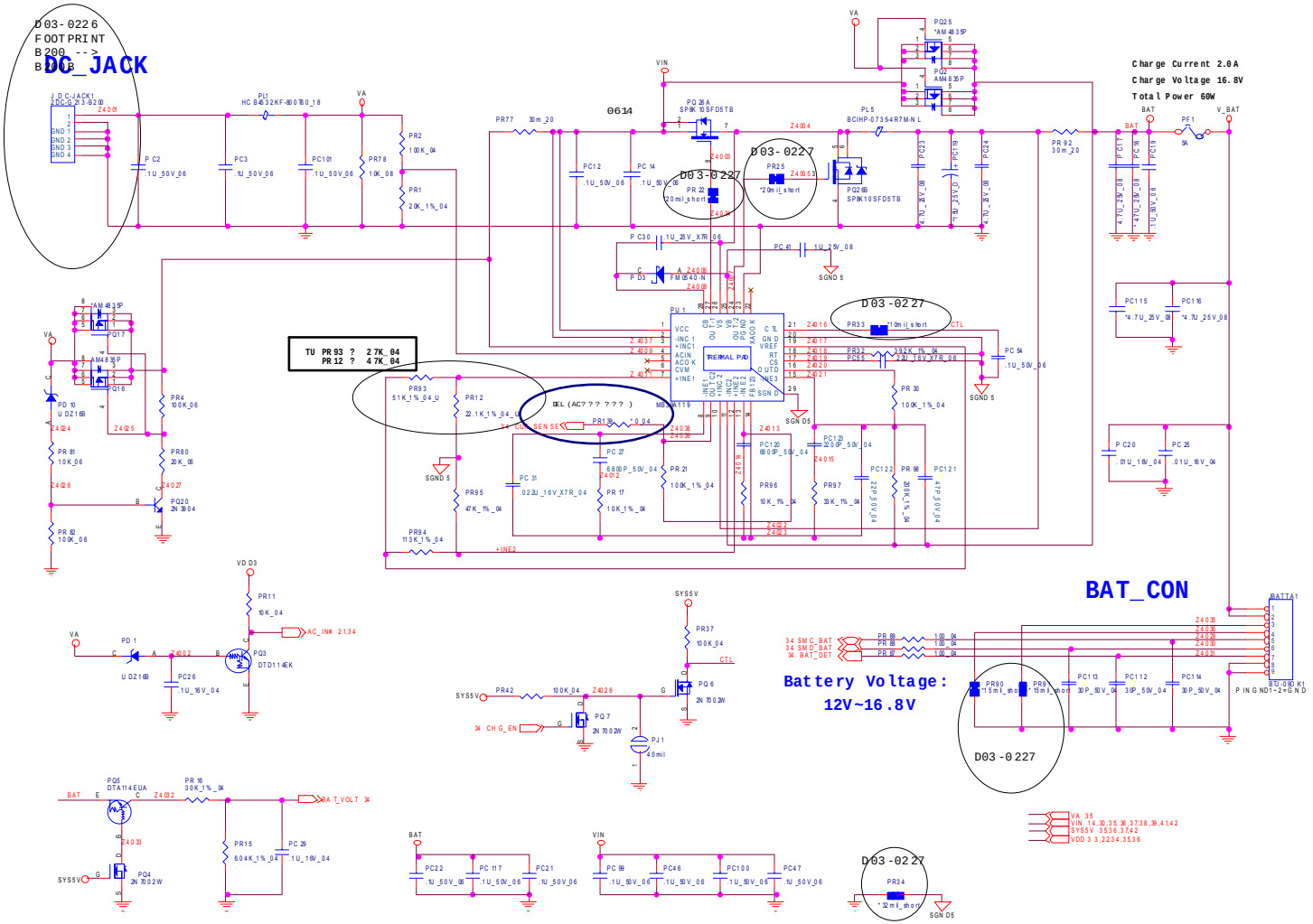
Sheet 38 of 51
Power 1.8V/0.9V

Power GPU/NVVDD

Sheet 39 of 51
Power GPU/NVVDD



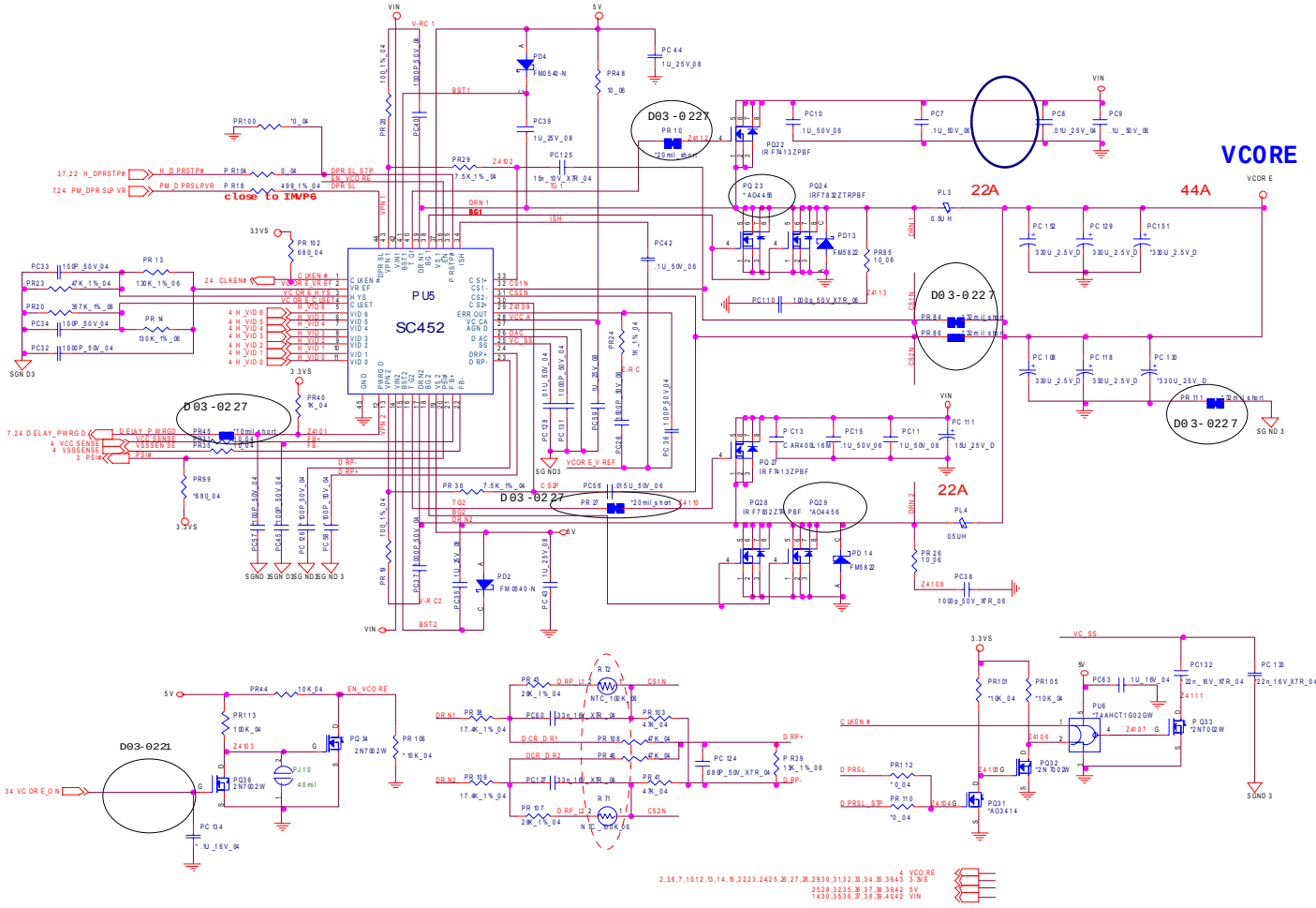
AC-IN, Charger



Sheet 40 of 51
AC-IN, Charger

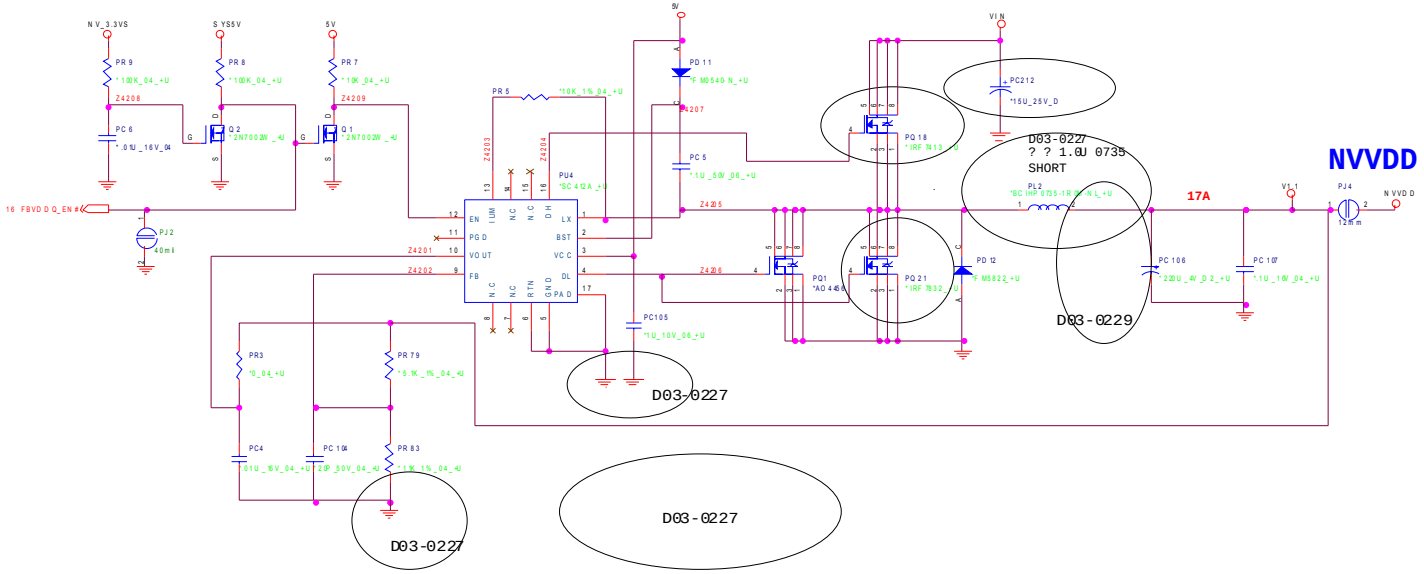
VCORE

Sheet 41 of 51
VCORE



NVVDD

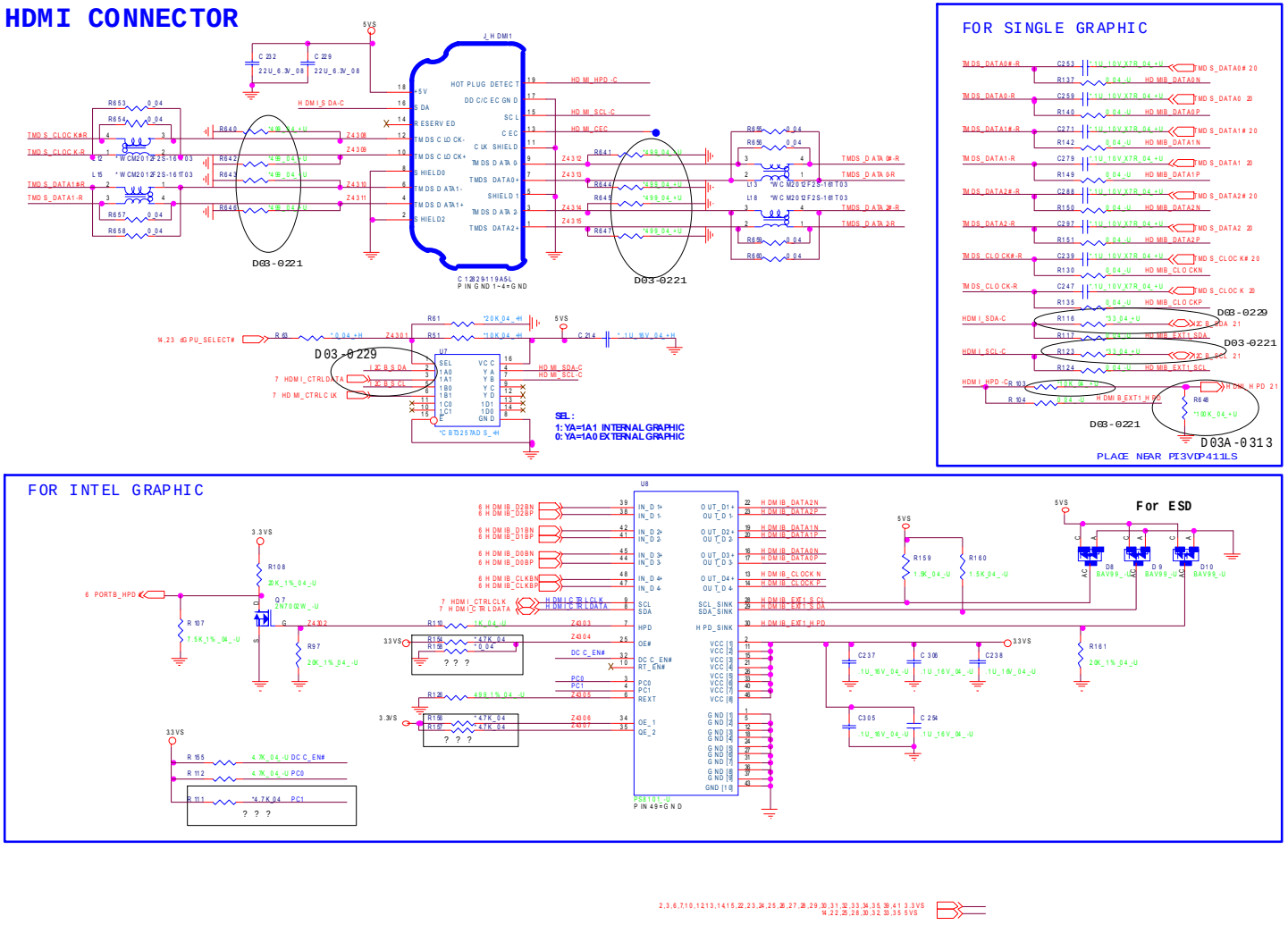
FOR NV VGA



Sheet 42 of 51
NVVDD

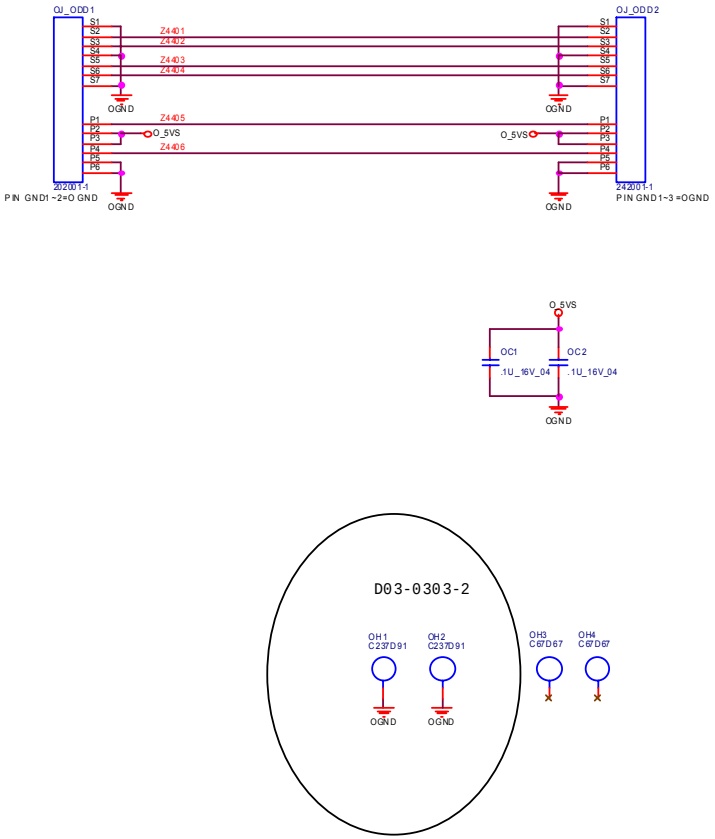
HDMI

Sheet 43 of 51
HDMI



External ODD Board for M76

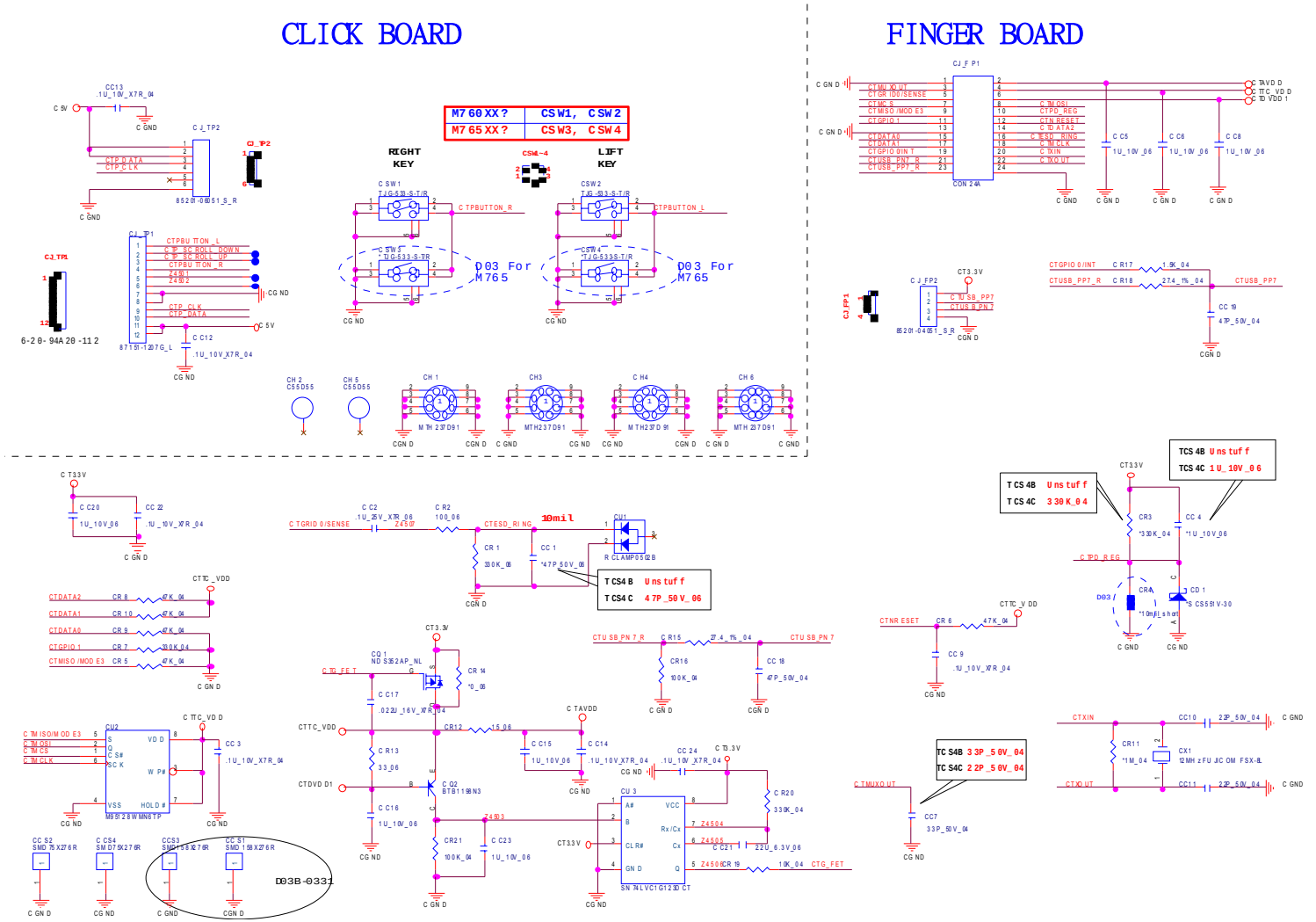
ODD BOARD



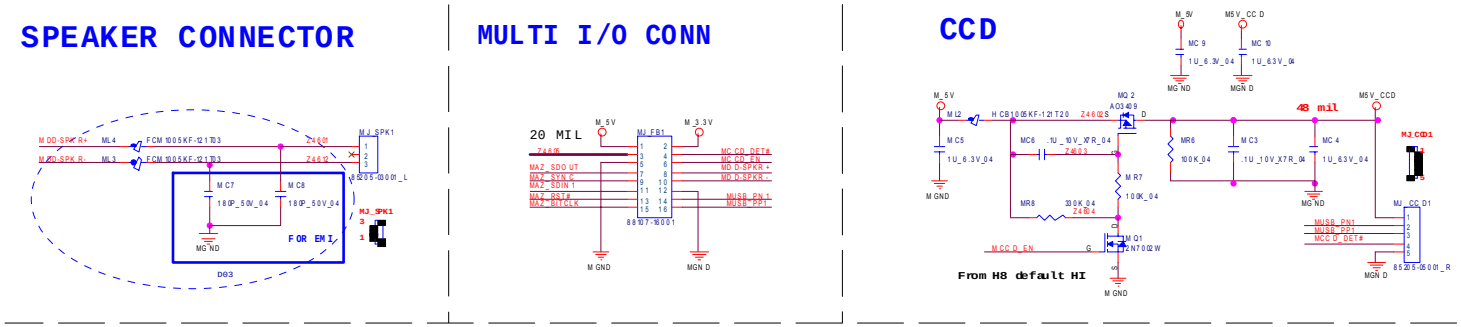
Sheet 44 of 51
External ODD
Board for M76

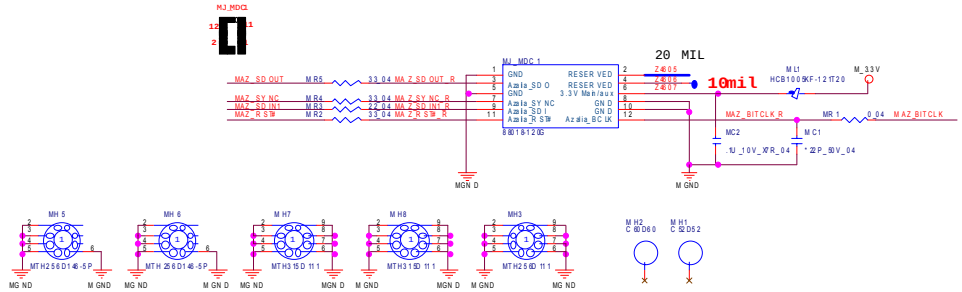
Click & Finger Board for M76

Sheet 45 of 51
Click Finger Board
for M76



Multi Function Board



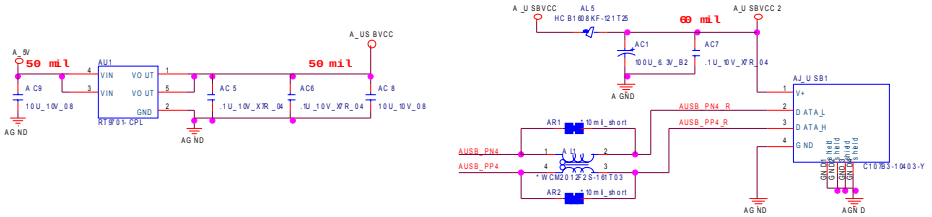


Sheet 46 of 51
Multi Function Board

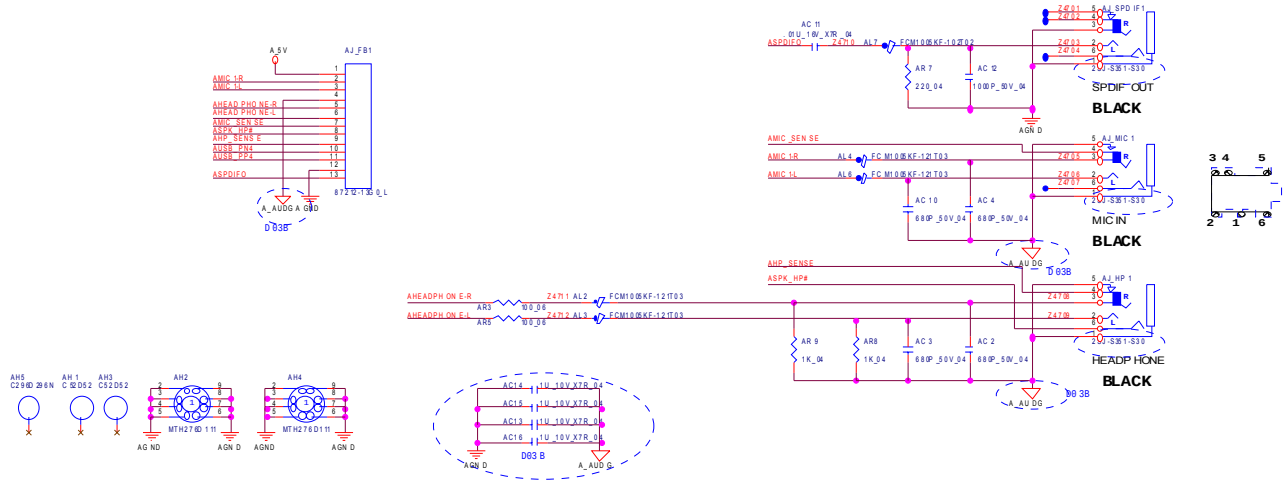
Audio Board

Sheet 47 of 51
Audio Board

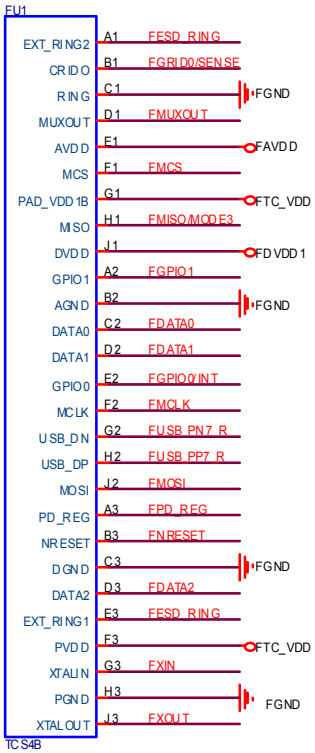
USB PORT

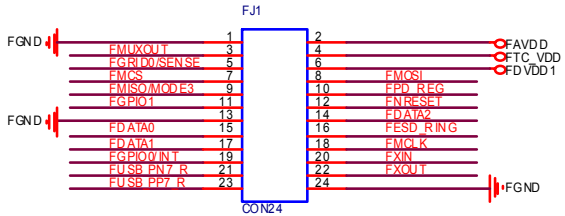


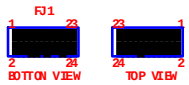
AUDIO JACK



Finger Sensor Board for M76





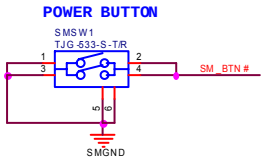


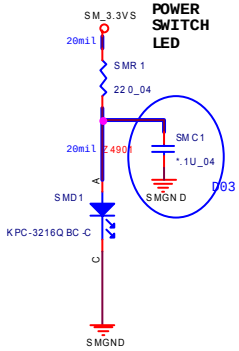
Sheet 48 of 51
Finger Sensor Board for M76

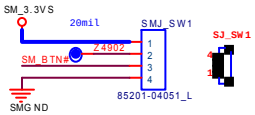
Power Switch Board for M74

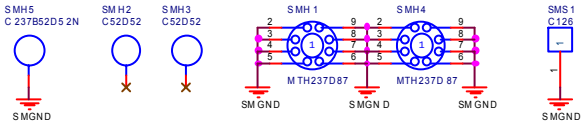
POWER SW & POWER LED FOR M74

Sheet 49 of 51
Power Switch
Board for M74

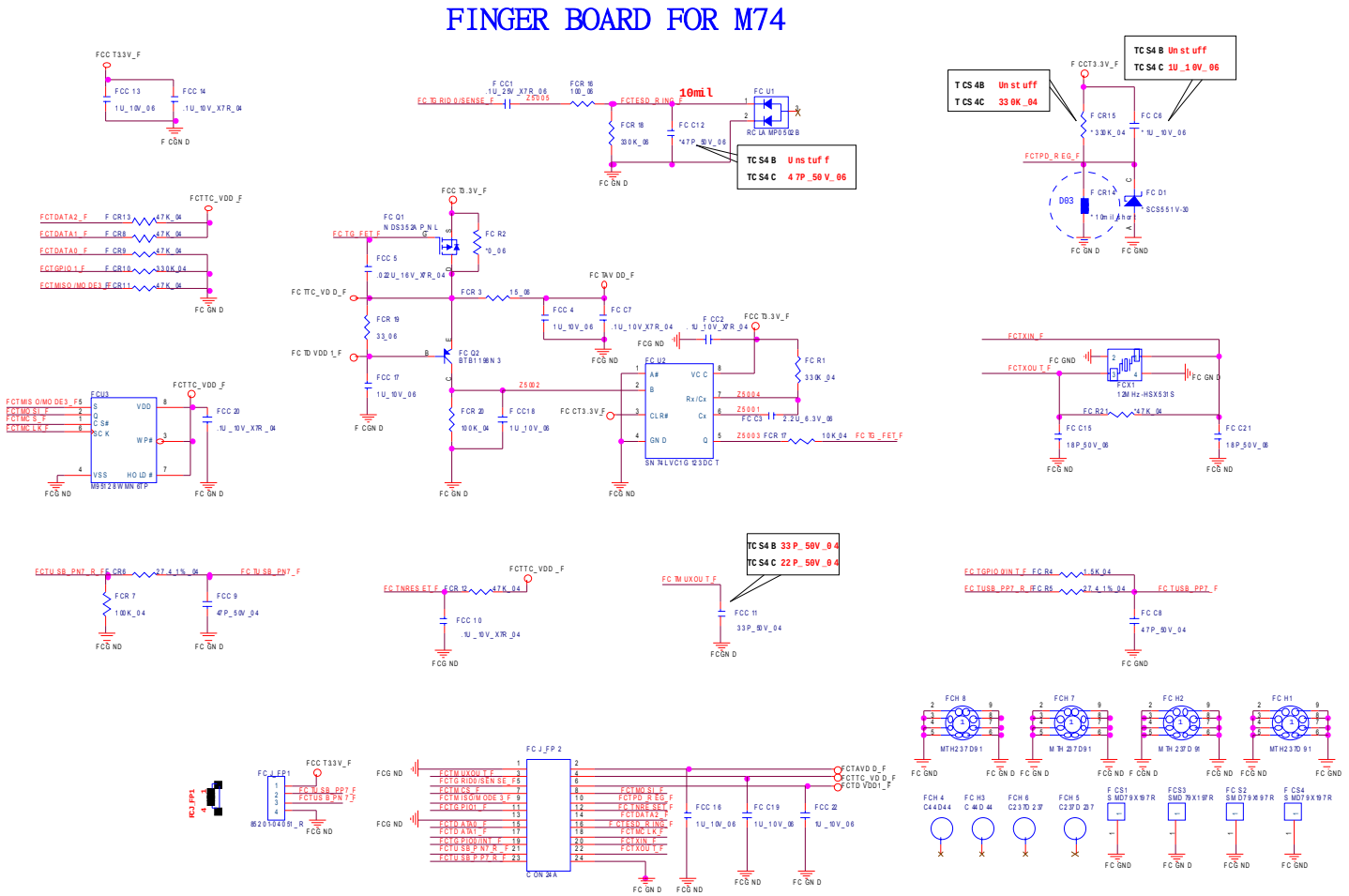








FingerPrint Board for M74



Sheet 50 of 51
FingerPrint Board
for M74

Power Switch Board for M76

Sheet 51 of 51
Power Switch
Board for M76

POWER SW & POWER LED FOR M76