

Delta DAC-19M008

Delta DAC-19M008 Power Supply Board User Manual

Model: DAC-19M008

INTRODUCTION

This manual provides essential information for the safe and effective use of the Delta DAC-19M008 Power Supply Board. It covers installation, operation, maintenance, and troubleshooting. Please read this manual thoroughly before installing or operating the device.

The Delta DAC-19M008 is a power supply board designed for various electronic applications, providing stable power conversion. It features an input voltage range of 100-240Vac and a power output of 288 watts.

SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the device:

- Ensure power is disconnected before installation or maintenance.
- Only qualified personnel should perform installation and service.
- Do not expose the board to moisture or extreme temperatures.
- Verify correct voltage and current ratings before connecting to a power source.
- Handle the board by its edges to avoid damaging components or static discharge.

PRODUCT OVERVIEW

The Delta DAC-19M008 is a robust power supply unit designed for reliable performance in compatible systems. Below are images illustrating the board's various aspects and markings.

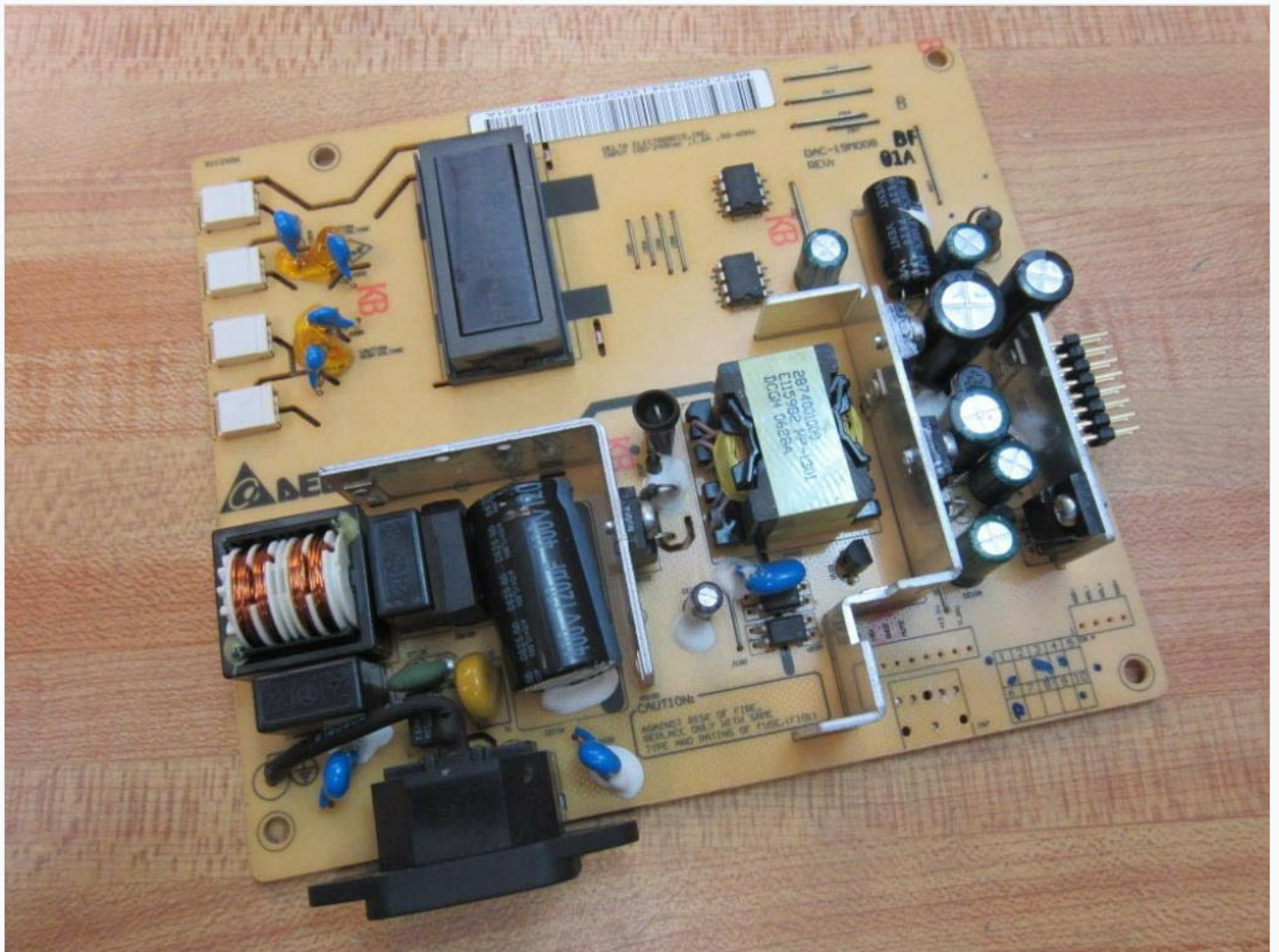


Figure 1: Top view of the Delta DAC-19M008 Power Supply Board, showing various components including capacitors, transformers, and connectors. This is the primary view of the board.



Figure 2: A close-up view of the power supply board, highlighting the model number "DAC-19M008" and its revision "01A" printed on the circuit board. This confirms the specific version of the board.



Figure 3: Detailed view of the input specifications printed on the board, indicating "DELTA ELECTRONICS, INC. INPUT 100-240Vac, 1.6A, 50-60Hz". This information is crucial for proper power connection.

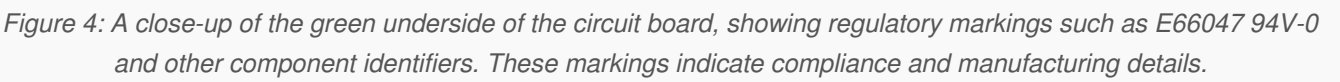




*Figure 5: A specific part or serial number, "2994747901", visible on the green underside of the power supply board.
This number can be used for identification or tracking purposes.*

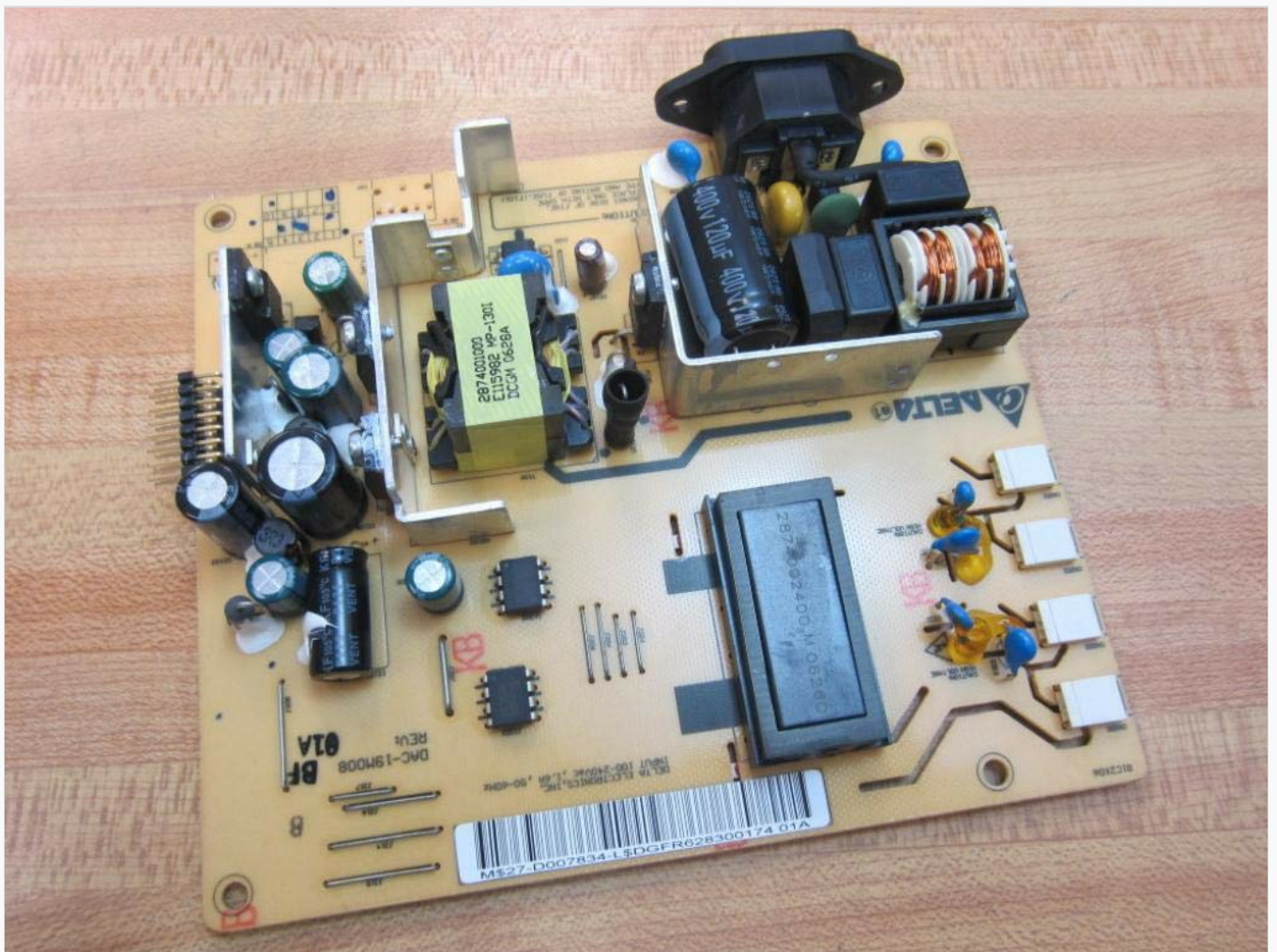


Figure 6: The full bottom view of the Delta DAC-19M008 Power Supply Board, displaying the intricate network of solder points and circuit traces. This side is typically mounted against a chassis.



Figure 7: A side view of the power supply board, prominently featuring the AC input connector. This connector is where the main power cable is attached to supply electricity to the board.

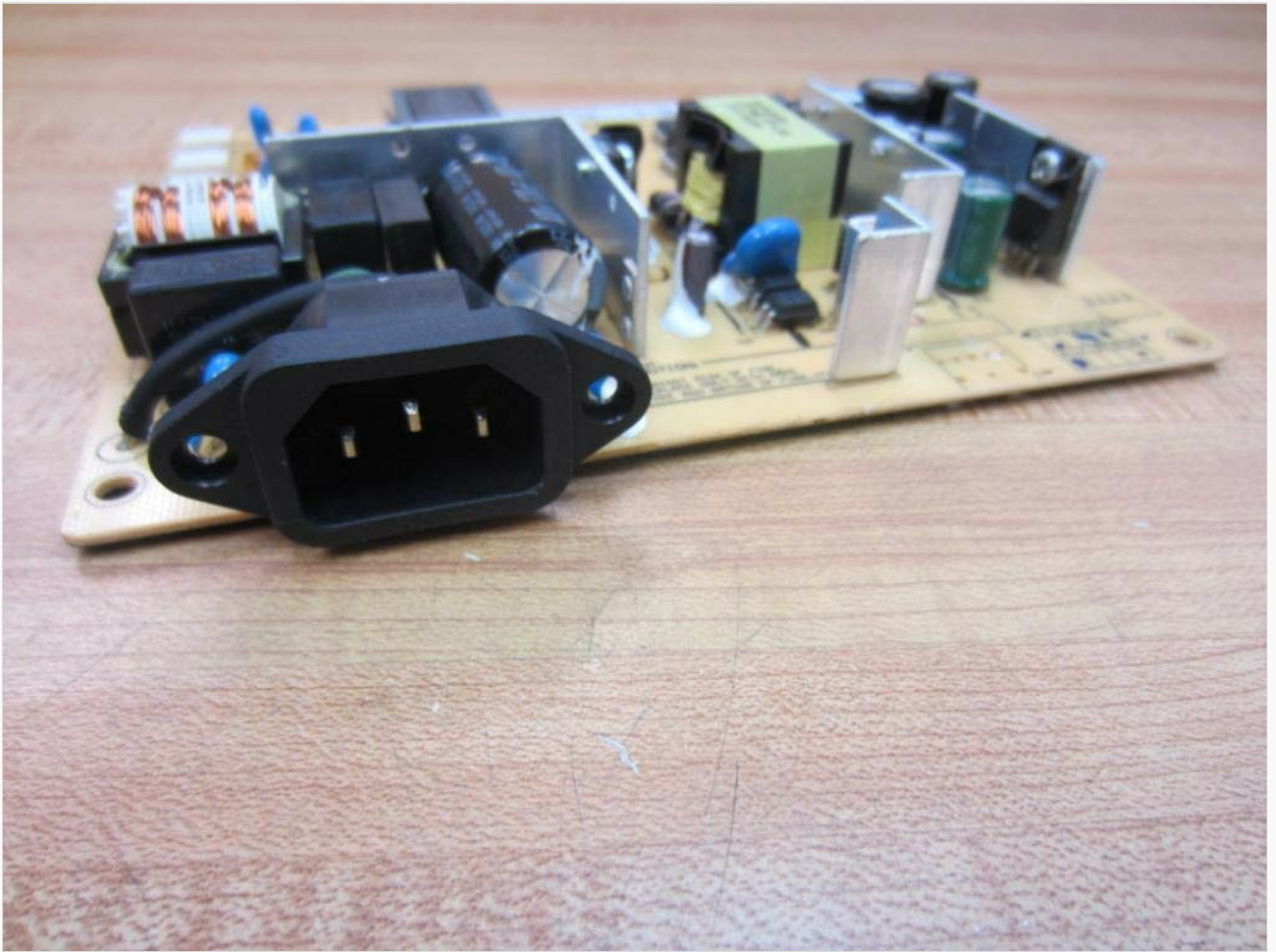


Figure 8: An angled top view of the power supply board, showing the overall layout and a barcode label. The barcode contains manufacturing and product identification information.

SETUP AND INSTALLATION

Proper installation is crucial for the functionality and longevity of the DAC-19M008 power supply board. Follow these steps carefully:

1. **Preparation:** Ensure the host system is powered off and disconnected from all power sources. Wear anti-static gloves or use an anti-static wrist strap to prevent electrostatic discharge (ESD) damage.
2. **Mounting:** Carefully align the DAC-19M008 board with the mounting points within the system chassis. Secure the board using appropriate screws, ensuring it is firmly seated and does not wobble.
3. **Connectors:**
 - Connect the AC input cable to the designated AC input connector on the board (refer to Figure 7).
 - Connect all necessary output cables (e.g., ATX, peripheral, SATA) from the power supply board to the corresponding components in your system (e.g., motherboard, hard drives, optical drives). Ensure all connections are secure and correctly oriented.
4. **Cable Management:** Route cables neatly to ensure proper airflow and prevent interference with other components.
5. **Final Check:** Before restoring power, double-check all connections to ensure they are secure and correctly installed. Verify that no loose screws or tools are left inside the system.

OPERATING INSTRUCTIONS

Once installed, the DAC-19M008 operates automatically upon receiving power from the main AC source. It is designed to provide stable power to compatible devices, such as personal computers.

- **Power On:** Connect the system to a power outlet and turn on the main power switch (if applicable) on the system chassis or power strip. The power supply board will initiate and provide power to connected components.
- **Monitoring:** While the power supply board itself does not have user-facing indicators, the system it powers should indicate successful operation (e.g., system lights, fan activity).
- **Power Off:** To power off the system, follow the standard shutdown procedure for your operating system or device. Disconnect the main power cable from the wall outlet for complete power isolation.

MAINTENANCE

The Delta DAC-19M008 power supply board is designed for low maintenance. However, periodic checks can help ensure its longevity and optimal performance.

- **Dust Removal:** Periodically, with the power disconnected, use compressed air to gently remove dust accumulation from the board and surrounding areas. Dust can impede heat dissipation and lead to overheating.
- **Visual Inspection:** Every 6-12 months, visually inspect the board for any signs of damage, such as bulging capacitors, burnt components, or loose connections. If any issues are observed, consult a qualified technician.
- **Environmental Control:** Ensure the operating environment is clean, dry, and within the recommended temperature range to prevent premature component degradation.

TROUBLESHOOTING

If you encounter issues with the DAC-19M008 power supply board, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
System does not power on.	No power from outlet; loose power cable; faulty power switch; power supply failure.	Check wall outlet with another device. Ensure all power cables are securely connected. Test the system's power switch. If possible, test the power supply with a power supply tester or substitute with a known good unit.
System powers on but shuts down immediately.	Overload; short circuit; overheating; faulty components.	Disconnect non-essential peripherals to reduce load. Inspect for any visible short circuits on the motherboard or components. Ensure proper ventilation and cooling. Consult a technician for component-level diagnosis.
Unusual noises (e.g., buzzing, grinding) from power supply area.	Loose components; fan issues (if applicable); coil whine.	Power off and inspect for any loose components. If the power supply has a fan, check for obstructions or wear. Coil whine is often harmless but can indicate component stress.

If these steps do not resolve the issue, it is recommended to seek assistance from a qualified technician or contact Delta customer support.

SPECIFICATIONS

The following table details the technical specifications of the Delta DAC-19M008 Power Supply Board:

Attribute	Value
Model Name	DAC-19M008
Brand	Delta
Input Voltage	100-240Vac
Input Current	1.6A
Input Frequency	50-60Hz
Wattage	288 watts
Product Dimensions (L x W x H)	6 x 6 x 1 inches
Item Weight	8 ounces
Compatible Devices	Personal Computer
Connector Type	ATX
Manufacturer	Delta

WARRANTY AND SUPPORT

For warranty information and technical support regarding your Delta DAC-19M008 Power Supply Board, please refer to the official Delta website or contact their customer service department. Keep your purchase receipt as proof of purchase for warranty claims.

Delta Official Website: www.deltaww.com

For specific product inquiries or troubleshooting assistance beyond this manual, Delta's support team can provide further guidance.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question