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> [YHNNH MS3563S.PB802 TV Motherboard Instruction Manual](#)

YHNNH MS3563S.PB802

YHNNH MS3563S.PB802 TV Motherboard Instruction Manual

Model: MS3563S.PB802 | Brand: YHNNH

INTRODUCTION

The YHNNH MS3563S.PB802 TV Motherboard is a replacement component designed for televisions requiring a 37-50V, 500mA power supply. This manual provides essential information for the proper installation, understanding of its features, and general maintenance to ensure optimal performance and longevity.

Key features of this motherboard include:

- Safety Protection Mechanism:** Built-in overcurrent and overvoltage protection functions automatically safeguard the motherboard against voltage fluctuations or abnormal external equipment, reducing the risk of damage.
- Easy Installation and Adaptation:** Features a standardized interface layout and clear wiring identification to simplify the installation process.
- Low-Noise Operation Technology:** Designed with silent component circuitry to minimize operational noise, contributing to a quiet viewing environment.
- Energy-Saving Design:** Operates with low power consumption, including reduced power usage in standby mode, promoting energy efficiency.

SETUP AND INSTALLATION

Replacing a TV motherboard requires careful attention to detail. If you are not comfortable with electronic repairs, it is recommended to seek professional assistance.

- Safety First:** Before beginning any work, ensure the television is completely unplugged from the power outlet. Allow sufficient time for any residual power to dissipate.
- Access the Motherboard:** Carefully remove the back panel of your television to gain access to the internal components. Refer to your TV's specific service manual for instructions on panel removal.
- Document Connections:** Before disconnecting anything, take clear photos or make diagrams of all cable connections to the existing motherboard. Pay close attention to the orientation and position of each connector.
- Disconnect Cables:** Gently disconnect all cables, ribbons, and power connectors from the old motherboard. Avoid pulling on the wires; instead, grasp the connectors firmly.
- Remove Old Motherboard:** Unscrew any mounting screws securing the old motherboard to the TV chassis.

Carefully lift and remove the old board.

6. **Install New Motherboard:** Position the YHNNH MS3563S.PB802 motherboard in the same location as the old one. Ensure it aligns correctly with the mounting holes. Secure it with the screws previously removed.
7. **Reconnect Cables:** Using your photos or diagrams, carefully reconnect all cables, ribbons, and power connectors to the new motherboard. The standardized interface layout and clear wiring identification on the MS3563S.PB802 are designed to assist with this step. Ensure all connections are firm and correctly oriented.
8. **Initial Inspection:** Before reattaching the back panel, visually inspect all connections to confirm they are secure and correctly placed. Ensure no tools or loose screws are left inside the TV.
9. **Test Functionality:** Plug the TV back into a power outlet and attempt to power it on. Check for display, sound, and basic input functionality. If the TV operates correctly, proceed to reattach the back panel.
10. **Reassemble TV:** Carefully reattach the back panel of the television, ensuring all screws are tightened appropriately.

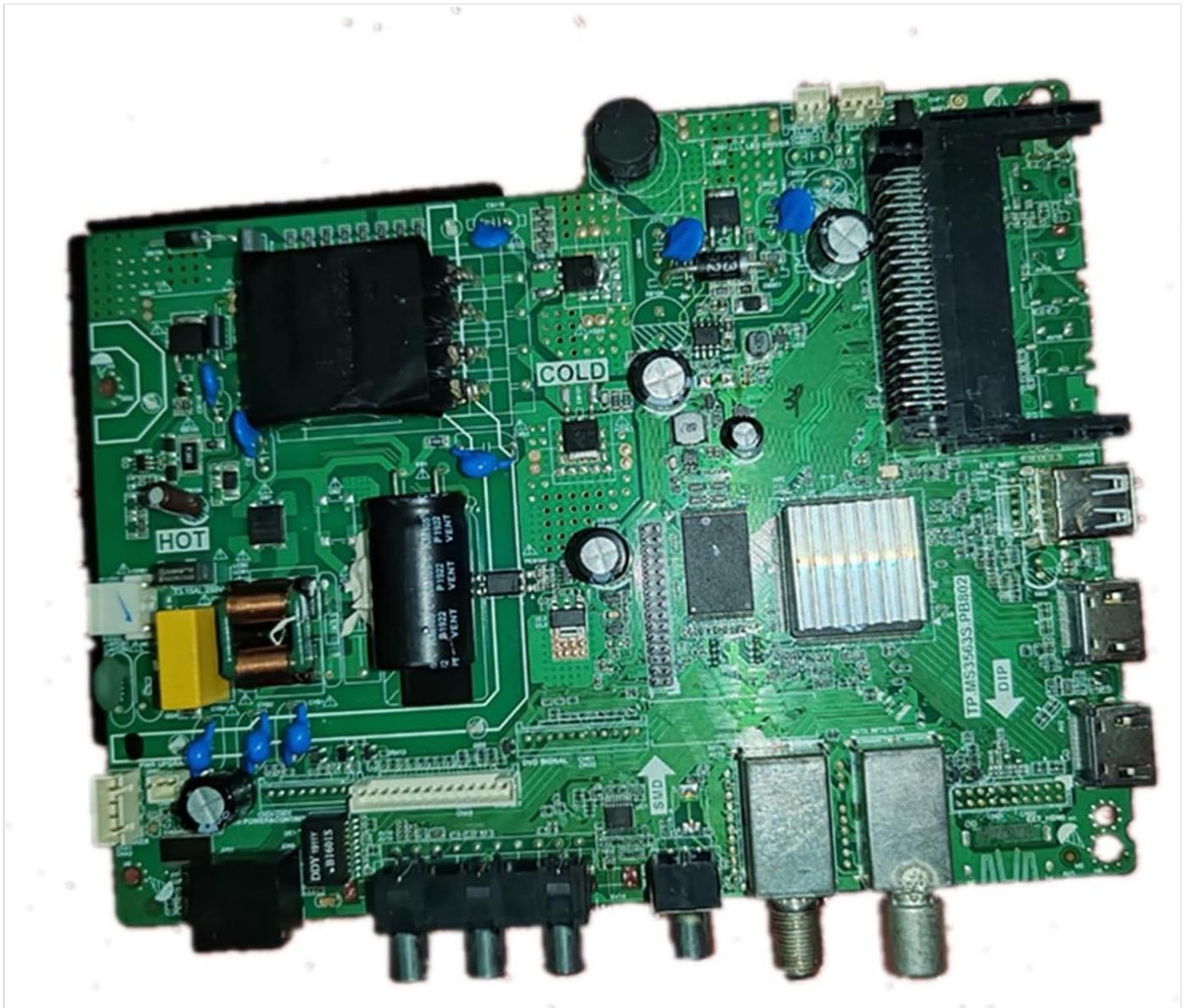


Image: Top view of the YHNNH MS3563S.PB802 TV Motherboard, showing various ports and components. This image provides an overview of the board's layout for installation reference.

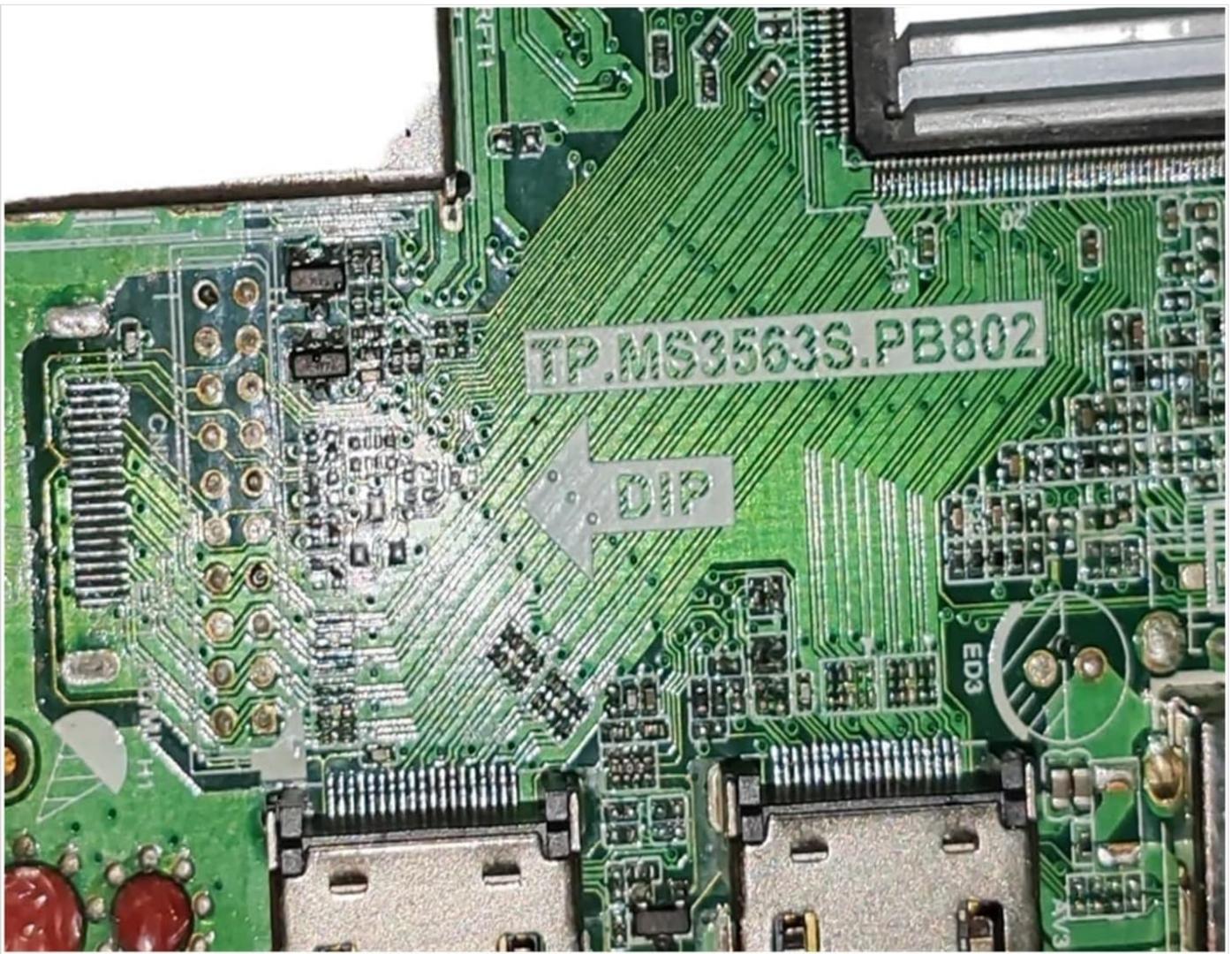


Image: A close-up view of the YHNNH MS3563S.PB802 TV Motherboard, highlighting the model number "TP.MS3563S.PB802" printed on the circuit board. This helps in verifying the correct model during installation.

OPERATING INSTRUCTIONS

The YHNNH MS3563S.PB802 TV Motherboard is an internal component that serves as the central control unit for your television. It does not have direct user-operable controls. Once correctly installed, its operation is integrated into the television's overall functionality.

For specific operating instructions related to your television's features, such as channel tuning, input selection, picture settings, and smart TV functions, please refer to the user manual provided with your television set.

The motherboard's low-noise operation technology ensures that its internal processes do not generate noticeable sound, contributing to a quiet viewing experience. Its energy-saving design helps reduce overall power consumption during both active use and standby modes.

MAINTENANCE

The MS3563S.PB802 TV Motherboard is designed for long-term reliability and generally requires minimal user maintenance. However, proper care of your television can help extend the life of all its internal components, including the motherboard.

- **Ventilation:** Ensure that the ventilation openings on your television are not blocked. Adequate airflow is crucial to prevent overheating, which can stress electronic components.
- **Environment:** Keep the television in a clean, dry environment, away from excessive dust, moisture, and extreme temperatures.

- **Cleaning:** When cleaning the exterior of your television, use a soft, dry cloth. Avoid spraying liquids directly onto the screen or cabinet, as moisture can seep into internal components and cause damage.
- **Power Surges:** Consider using a surge protector for your television to guard against power fluctuations, although the motherboard includes built-in overcurrent and overvoltage protection.

TROUBLESHOOTING

If you encounter issues after installing the YHNNH MS3563S.PB802 TV Motherboard, consider the following troubleshooting steps. Always ensure the TV is unplugged before performing any internal checks.

1. No Power:

- Verify the power cord is securely plugged into both the TV and the wall outlet.
- Test the outlet with another device to ensure it is functional.
- Check for any tripped circuit breakers.

2. No Picture/Display:

- Ensure all video input cables (HDMI, AV, etc.) are securely connected to both the TV and the source device.
- Confirm the correct input source is selected on your TV.
- If using external devices, try connecting a different device or cable to rule out external issues.

3. No Sound:

- Check the TV's volume level and ensure it is not muted.
- Verify audio cables are properly connected.
- If using external speakers or soundbars, ensure they are powered on and correctly configured.

4. Intermittent Operation or Freezing:

- Ensure the TV has adequate ventilation to prevent overheating.
- Perform a power cycle: unplug the TV for a few minutes, then plug it back in.
- If possible, perform a factory reset through your TV's menu (consult your TV's user manual for this procedure).

5. Installation-Related Issues:

- Re-open the TV and carefully re-check all cable connections to the motherboard. Ensure they are fully seated and correctly oriented.
- Verify that the motherboard is securely mounted and not shorting against the chassis.

The motherboard's built-in overcurrent and overvoltage protection mechanisms are designed to prevent damage from electrical anomalies. If the TV does not power on or exhibits unusual behavior, these protections may have activated. If issues persist after these steps, professional diagnosis and repair may be necessary.

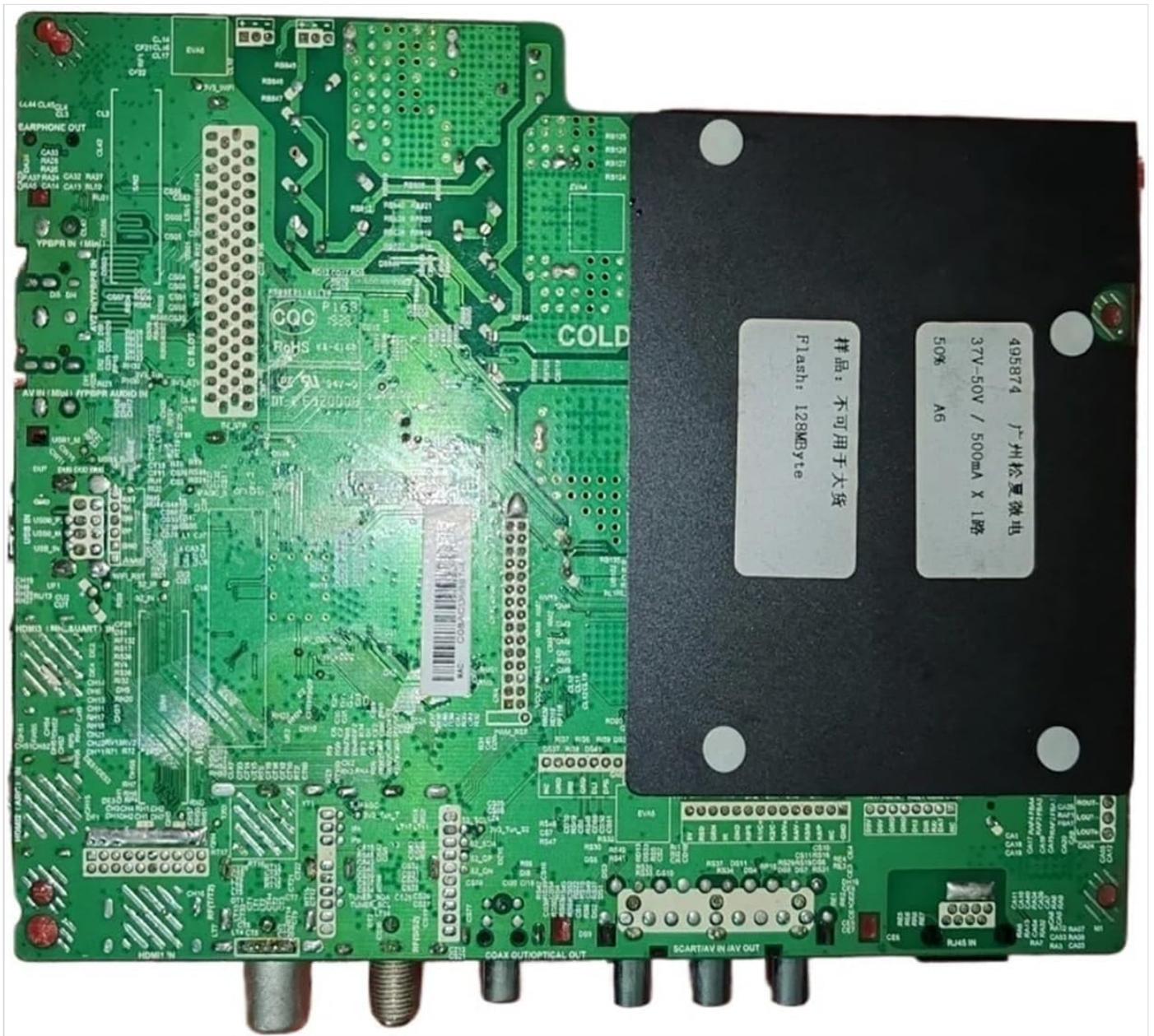


Image: Back view of the YHNNH MS3563S.PB802 TV Motherboard, showing the reverse side of the circuit board. This view can be useful for identifying mounting points and specific component layouts during installation or troubleshooting.

SPECIFICATIONS

Feature	Detail
Model Number	MS3563S.PB802
Brand	YHNNH
Voltage Compatibility	37-50V
Current Output	500mA
Item Weight	1.76 ounces (approximately 50 grams)
Package Dimensions	0.39 x 0.39 x 0.39 inches (1 x 1 x 1 cm)
ASIN	B0FQJ12HXG

Feature	Detail
Date First Available	September 10, 2025

WARRANTY AND RETURNS

As a replacement component, specific manufacturer warranty details for the YHNNH MS3563S.PB802 TV Motherboard are not provided. For information regarding returns, exchanges, or any applicable seller-specific guarantees, please refer to the return policy of the retailer from whom you purchased this product.

Typically, products purchased from Amazon.com may be eligible for return within 30 days of receipt, subject to the seller's specific return conditions. Please consult your purchase documentation or the retailer's website for the most accurate and up-to-date information.

SUPPORT

For technical assistance, installation guidance, or further inquiries regarding the YHNNH MS3563S.PB802 TV Motherboard, please contact the retailer where the product was purchased. You may also reach out to the manufacturer, YHNNH, for support related to their products.

Manufacturer: YHNNH

For general information about YHNNH products, you may visit their brand store on Amazon: [YHNNH Brand Store](#)