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LDGSUPH TP.SK529T.PB805(N)

LDGSUPH TP.SK529T.PB805(N) Three-in-One WiFi Network TV Motherboard User Manual

Model: TP.SK529T.PB805(N)

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of the LDGSUPH TP.SK529T.PB805(N) Three-in-One WiFi Network TV Motherboard. This component is designed for display equipment, offering integrated WiFi and network capabilities. It has been tested for operation within a voltage range of 35-110V, with a current of 560mA, and a power consumption of 75W.
Please read this manual thoroughly before attempting any installation or operation to ensure proper functionality and safety.

2. Safety Information

Always observe the following safety precautions:

- Ensure the power supply is disconnected before installation or maintenance.
- Handle the motherboard with care to avoid damage from electrostatic discharge. Use an anti-static wrist strap if available.
- Verify voltage and current compatibility with your display equipment before connecting. This board is rated for 35-110V, 560mA, 75W.
- Do not expose the motherboard to moisture or extreme temperatures.
- Only qualified technicians should perform installation and repair.

3. Setup and Installation

Follow these steps for proper installation of the motherboard:

1. **Preparation:** Disconnect the power from your television or display unit. Open the back panel of the display equipment to access the existing motherboard.
2. **Removal of Old Motherboard:** Carefully disconnect all cables and connectors from the old motherboard. Note their positions for re-connection. Unscrew and remove the old motherboard.

3. **Installation of New Motherboard:** Position the LDGSUPH TP.SK529T.PB805(N) motherboard in the designated slot. Secure it with screws.
4. **Connection:** Reconnect all cables and connectors to the new motherboard. Ensure all connections are firm and correctly oriented. Pay close attention to power, display, and network connections.
5. **Initial Power-Up:** Before closing the back panel, connect the power cable and power on the display unit. Observe for any unusual behavior, smoke, or burning smells. If issues arise, immediately disconnect power.
6. **Testing:** Verify basic functionality, including display output, audio, and network connectivity.
7. **Final Assembly:** Once functionality is confirmed, disconnect power, close the back panel, and secure it.

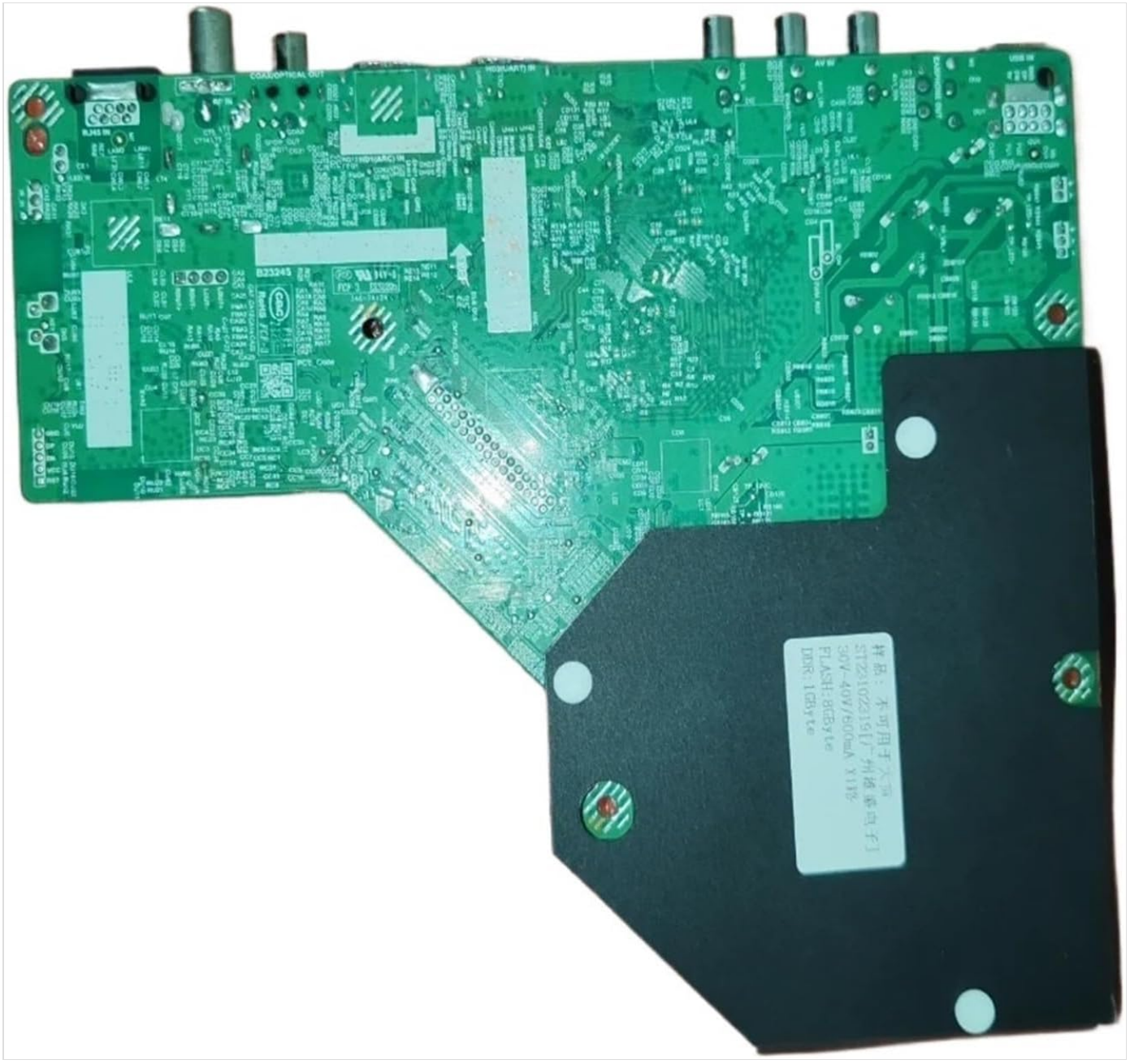


Figure 1: Rear view of the TP.SK529T.PB805(N) TV motherboard. This image displays the overall layout of the circuit board, including various input/output ports and integrated components.

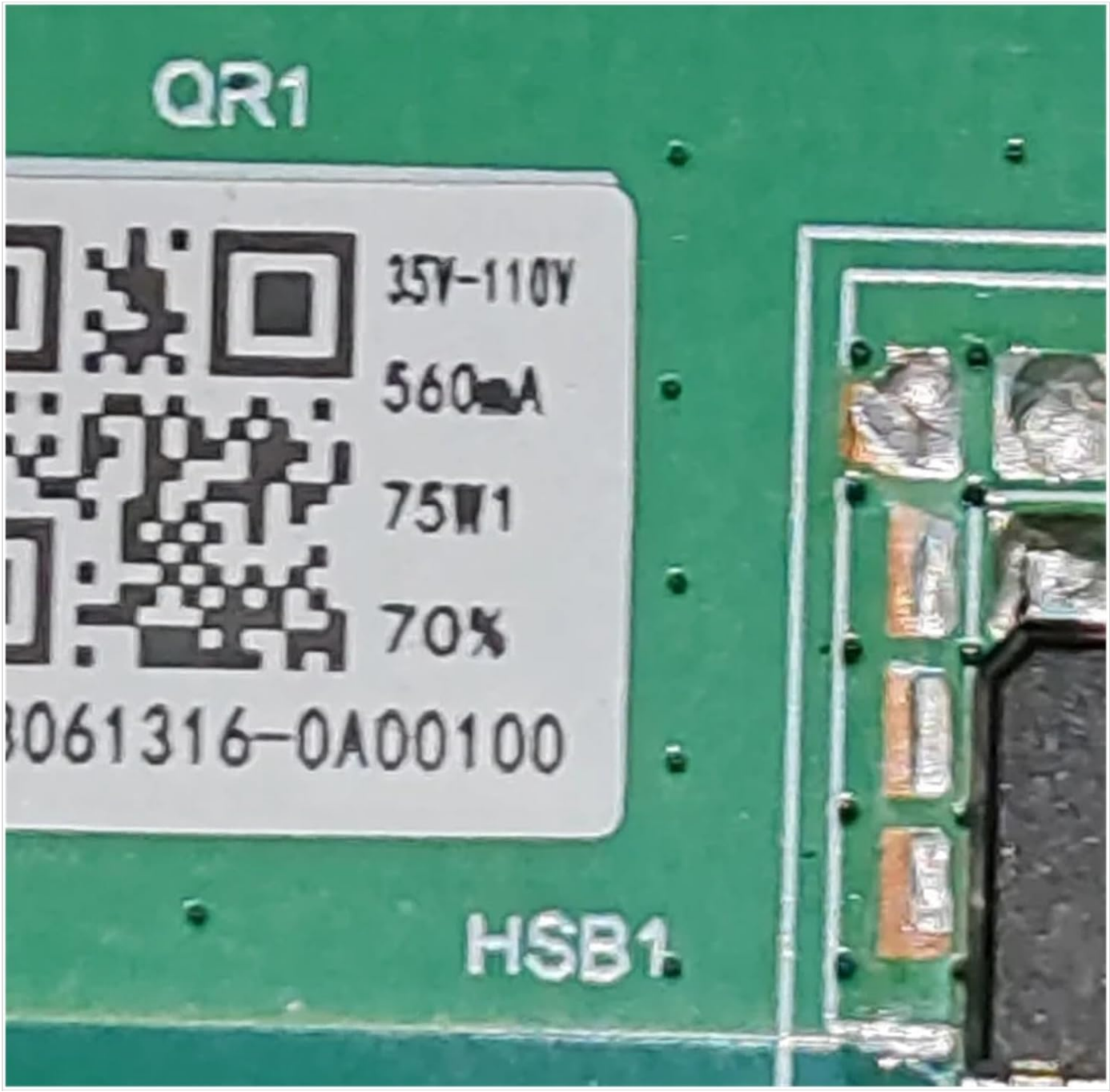


Figure 2: Close-up of power specifications. This image highlights the QR code and printed specifications on the motherboard, indicating its operating voltage (35-110V), current (560mA), and power (75W).

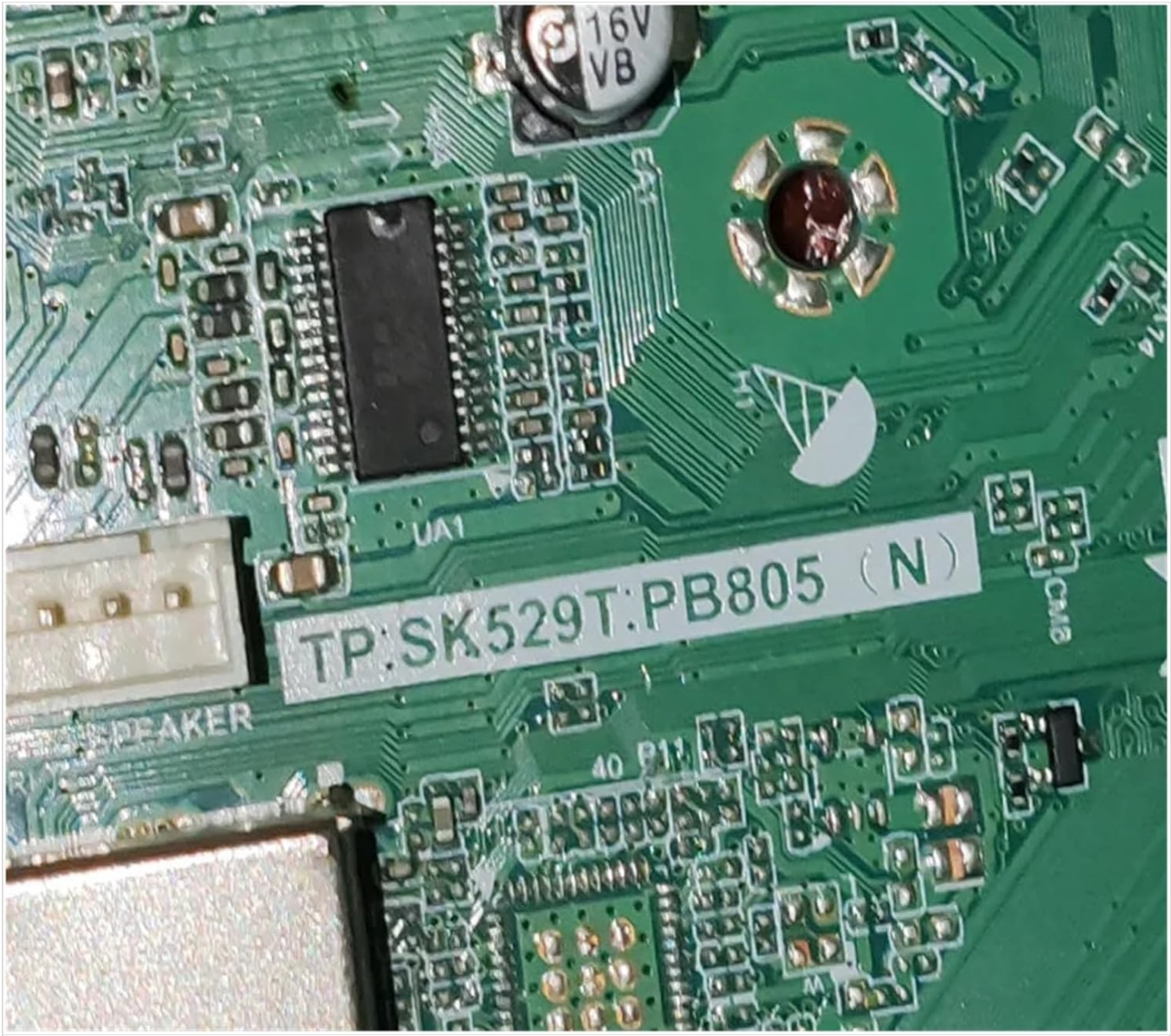


Figure 3: Model number identification. This image provides a detailed view of the model number TP.SK529T.PB805(N) printed directly on the circuit board.

4. Operating Instructions

Once installed, the motherboard functions as the core processing unit for your television. Its operation is integrated with the display equipment's existing controls and software.

- **Power On/Off:** Use the standard power button on your TV or remote control.
- **Input Selection:** Access different video inputs (HDMI, AV, etc.) via your TV's remote control or on-screen menu.
- **Network Connectivity:**
  - **WiFi:** Navigate to the TV's network settings menu. Select your WiFi network and enter the password.
  - **Ethernet:** Connect an Ethernet cable from your router to the LAN port on the motherboard. The connection should be automatically detected.
- **Smart TV Features:** Access pre-installed applications and streaming services through the TV's smart interface.
- **Firmware Updates:** Periodically check for firmware updates through the TV's system settings to ensure optimal performance and security.

5. Maintenance

The TP.SK529T.PB805(N) motherboard is designed for durability and requires minimal maintenance. However, adhering to these guidelines can prolong its lifespan:

- **Cleaning:** Ensure the area around the TV and its vents remains free of dust to prevent overheating. If cleaning the motherboard directly, ensure power is disconnected and use compressed air or a soft, dry brush.
- **Ventilation:** Do not block the ventilation openings of the display equipment. Adequate airflow is crucial for heat dissipation.
- **Environmental Conditions:** Operate the TV within recommended temperature and humidity ranges to prevent component stress.
- **Software Updates:** Keep the TV's operating system and applications updated to benefit from performance improvements and bug fixes.

6. Troubleshooting

If you encounter issues, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No Power / No Display	Loose power connection, faulty power supply, incorrect installation.	Check all power connections. Ensure the motherboard is correctly seated and all cables are firmly connected. Verify power supply unit functionality.
No WiFi / Network Connection	Incorrect network settings, faulty WiFi module, loose Ethernet cable.	Check TV network settings. Ensure WiFi password is correct. Reconnect Ethernet cable. Restart router and TV.
Distorted Image / No Signal	Loose display cable, incorrect input source, damaged display port.	Verify display cable connections. Select the correct input source on the TV. Test with a different cable or port if available.
Slow Performance / Lag	Too many background applications, outdated firmware, overheating.	Close unnecessary applications. Check for and install firmware updates. Ensure adequate ventilation for the TV.

If problems persist after attempting these solutions, contact customer support or a qualified technician.

7. Specifications

Feature	Detail
Model Number	TP.SK529T.PB805(N)
Brand	LDGSUPH
Input Voltage	35-110V
Current	560mA
Power Consumption	75W

Feature	Detail
Compatibility	Display Equipment (TVs)
Connectivity	Integrated WiFi, Network (Ethernet)
Dimensions (Package)	0.39 x 0.39 x 0.39 inches
Item Weight	1.76 ounces

8. Warranty and Support

Specific warranty details for the LDGSUPH TP.SK529T.PB805(N) motherboard are typically provided at the point of purchase or with the product packaging. Please refer to your purchase documentation for warranty period and terms. For technical support or warranty claims, please contact your retailer or the manufacturer directly. Ensure you have your product model number (TP.SK529T.PB805(N)) and proof of purchase available.

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