

LOKLNEYK S.T.CS2560P838

LOKLNEYK S.T.CS2560P838 TV Motherboard User Manual

Model: S.T.CS2560P838

1. INTRODUCTION

This manual provides essential instructions for the installation, operation, and maintenance of your LOKLNEYK S.T.CS2560P838 TV Motherboard. This advanced 4K WiFi Network motherboard is designed for display equipment, offering high-specification chips for fast signal processing, optimized audio algorithms, and support for online firmware upgrades. Please read this manual thoroughly before proceeding with installation or operation.

2. SAFETY INFORMATION

Warning: Improper installation or handling can result in electric shock, fire, or damage to the product and connected devices. Always follow these safety guidelines:

- Ensure all power is disconnected from the television or display equipment before installation or maintenance.
- Only qualified technicians should perform installation and repair.
- Avoid touching components on the circuit board while power is connected.
- Protect the motherboard from static electricity by using anti-static precautions (e.g., anti-static wrist strap).
- Do not expose the motherboard to moisture, extreme temperatures, or direct sunlight.
- Verify voltage compatibility (96-110V) before connecting power.

3. PRODUCT OVERVIEW

The S.T.CS2560P838 TV Motherboard is a core component for modern display systems, integrating advanced features for superior performance. It supports 4K resolution, WiFi network connectivity, and comes with 1.5GB RAM and 8GB storage for efficient operation.

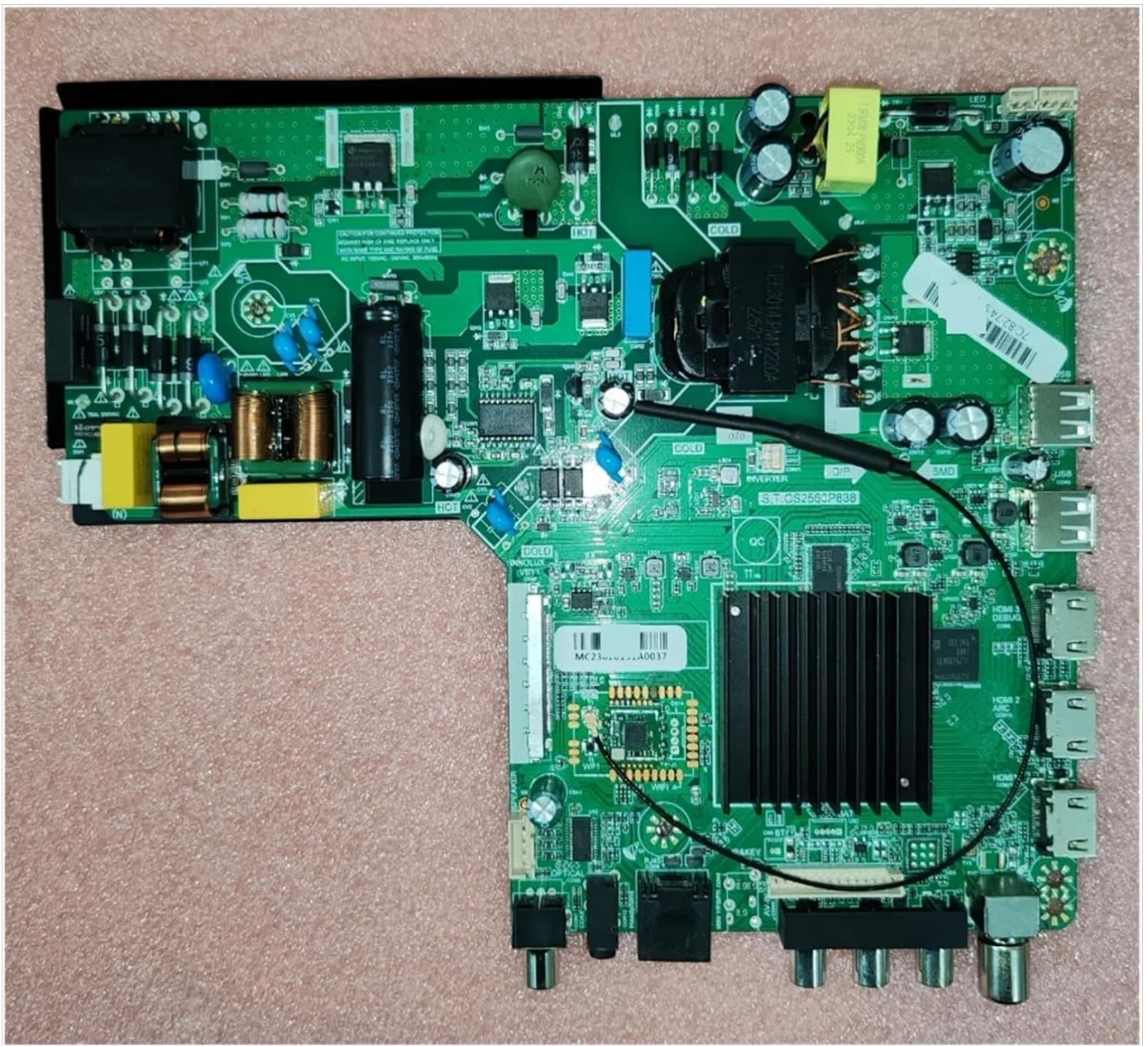


Figure 3.1: Top view of the S.T.CS2560P838 TV Motherboard. This image displays the primary components on the top side of the circuit board, including the main processor (under the heatsink), memory modules, power regulation circuits, and various input/output ports such as HDMI, USB, and antenna connectors. The overall layout is designed for efficient signal flow and heat dissipation.



Figure 3.2: Bottom view of the S.T.CS2560P838 TV Motherboard. This image shows the underside of the motherboard, partially covered by a black protective shield. Visible areas include solder points, additional circuit traces, and mounting holes. The protective cover helps to shield sensitive components and provides structural integrity.



Figure 3.3: Angled view of the S.T.CS2560P838 TV Motherboard. This perspective provides a clearer view of the heatsink covering the main processor, indicating thermal management. Various ports, including multiple HDMI inputs, USB ports, and coaxial antenna inputs, are clearly visible along the edges of the board, demonstrating its connectivity options.



Figure 3.4: Detailed angled view of the S.T.CS2560P838 TV Motherboard. This image offers a closer look at the intricate circuit design and component placement. Key features like the WiFi antenna connection (black wire), various capacitors, inductors, and integrated circuits are visible, emphasizing the board's complex engineering and compact design.

4. SETUP AND INSTALLATION

Before beginning, ensure you have the necessary tools (e.g., screwdrivers, anti-static wrist strap) and a clean, static-free workspace.

1. **Disconnect Power:** Unplug the television or display equipment from the power outlet.
2. **Access Motherboard:** Carefully remove the back panel of your display equipment to access the existing motherboard. Refer to your display equipment's service manual for specific instructions.
3. **Remove Old Motherboard:** Disconnect all cables (power, display, input/output) from the old motherboard. Unscrew and carefully remove the old board.
4. **Install New Motherboard:** Align the LOKLNEYK S.T.CS2560P838 motherboard with the mounting holes in the display equipment chassis. Secure it with screws, ensuring it is firmly seated.
5. **Connect Cables:** Reconnect all necessary cables to the new motherboard. This typically includes:

- Power supply cable (ensure correct voltage 96-110V).
- Display panel cable (LVDS or eDP).
- Backlight inverter cable.
- Speaker cables.
- Input/Output cables (HDMI, USB, Antenna, Ethernet).

6. **Secure Back Panel:** Once all connections are verified, carefully reattach the back panel of your display equipment.
7. **Initial Power-On:** Plug the display equipment back into the power outlet. Power on the device and check for initial signs of operation.

5. OPERATING INSTRUCTIONS

After successful installation, follow these steps for initial setup and operation.

5.1. First Boot and Initial Setup

- Upon first power-on, the system may guide you through an initial setup wizard for language, time zone, and network configuration.
- Follow the on-screen prompts to complete the basic settings.

5.2. Network Configuration (WiFi)

1. Navigate to the "Settings" menu on your display equipment.
2. Select "Network" or "Wireless Settings".
3. Choose "WiFi" and select your desired network from the list of available networks.
4. Enter the network password if prompted.
5. Confirm connection. The motherboard supports 4K WiFi Network capabilities for stable streaming and online services.

5.3. Firmware Updates

The S.T.CS2560P838 motherboard supports online firmware upgrades for continuous feature updates and performance improvements.

- Ensure the display equipment is connected to a stable internet connection.
- Go to "Settings" > "System" > "Software Update" or "Firmware Update".
- Select "Check for Updates" and follow the on-screen instructions.
- *Do not power off the device during a firmware update.*

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your motherboard.

- **Cleaning:** Periodically, with the power disconnected, use a soft, dry brush or compressed air to gently remove dust accumulation from the motherboard's surface and heatsink. Avoid using liquid cleaners.
- **Environmental Conditions:** Operate the display equipment in a well-ventilated area, away from direct heat sources, excessive humidity, and corrosive environments.
- **Firmware:** Keep the firmware updated to benefit from the latest optimizations and security patches.

7. TROUBLESHOOTING

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
No Power / No Display	Power cable disconnected. Incorrect voltage. Faulty power supply unit (PSU). Loose display panel cable.	Check power cable connection to wall and display equipment. Verify PSU output voltage matches motherboard requirement (96-110V). Test PSU if possible. Ensure display panel cable is securely connected.
No WiFi Connection	Incorrect WiFi password. Router issues. WiFi antenna not connected or damaged.	Re-enter WiFi password carefully. Restart your WiFi router. Check if the WiFi antenna is properly connected to the motherboard.
Audio Issues	Loose speaker cables. Incorrect audio settings.	Ensure speaker cables are securely connected. Check audio output settings in the display equipment's menu.

If the problem persists after attempting these solutions, please contact customer support or a qualified technician.

8. SPECIFICATIONS

Feature	Detail
Model Number	S.T.CS2560P838
Brand	LOKLNEYK
Voltage Input	96-110V
Network	4K WiFi Network
Current	600mA
RAM	1.5GB
Storage	8GB
Key Features	High-specification chips, optimized audio processing, online firmware upgrades, precise circuit layout.
Compatible Equipment Style	Display Equipment

9. WARRANTY AND SUPPORT

For warranty information, please refer to the terms and conditions provided at the time of purchase or contact your seller directly. LOKLNEYK is committed to providing quality products.

For technical support, troubleshooting assistance beyond this manual, or inquiries regarding parts and service, please contact the seller or authorized service center where you purchased the product. Provide your model number (S.T.CS2560P838) and a detailed description of the issue for efficient support.

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