

RXCWWZQQ 342911009L ST5461D13-2-C-2

RXCWWZQQ 342911009L ST5461D13-2-C-2 T-con Logic Board User Manual

Model: 342911009L ST5461D13-2-C-2

INTRODUCTION

This manual provides essential information for the installation, maintenance, and troubleshooting of the RXCWWZQQ 342911009L ST5461D13-2-C-2 T-con Logic Board. This component is designed to restore normal display functions in compatible 55-inch television models, including 55R83, 55S535, and NS-55DF710NA21. Proper installation and care will help extend the life and stability of your television.

PRODUCT OVERVIEW



Figure 1: RXCWWZQQ 342911009L ST5461D13-2-C-2 T-con Logic Board. This image shows the top view of the T-con board, highlighting its various components and connectors.

The T-con (Timing Controller) board is a critical component in modern LCD and LED televisions. It processes video

signals from the main board and converts them into a format suitable for the display panel, ensuring proper image timing and color accuracy. Replacing a faulty T-con board can resolve common display issues such as distorted images, no picture, or incorrect colors.

SPECIFICATIONS

Feature	Detail
Brand	RXCWWZQQ
Part Model	342911009L ST5461D13-2-C-2
Product Type	T-con Logic Board
Compatible TV Size	55 Inch
Compatible TV Models	55R83, 55S535, NS-55DF710NA21
Item Weight	50 Grams
Certification	CE

SETUP AND INSTALLATION

Disclaimer: TV repair should only be performed by qualified technicians. Incorrect installation can cause further damage to the television or personal injury. Always disconnect the TV from the power source before beginning any repair.

- Preparation:** Ensure the television is unplugged from the wall outlet. Place the TV face down on a soft, clean surface to prevent screen damage.
- Access the T-con Board:** Remove the back cover of the television. The T-con board is typically located at the top center of the TV, often under a metal shield, and connects to the main board and the display panel via ribbon cables.
- Disconnect Cables:** Carefully disconnect all ribbon cables and power cables connected to the existing T-con board. Use a plastic pry tool if necessary to release latches on ribbon cable connectors. Avoid pulling directly on the cables.
- Remove Old Board:** Unscrew any mounting screws securing the old T-con board to the TV chassis. Gently lift and remove the board.
- Install New Board:** Position the new RXCWWZQQ 342911009L ST5461D13-2-C-2 T-con board in place. Secure it with the screws removed earlier.
- Reconnect Cables:** Carefully reattach all ribbon cables and power cables to the new T-con board. Ensure ribbon cables are inserted straight and fully into their connectors, and that any latches are securely closed.
- Testing:** Before reattaching the back cover, temporarily plug in the TV and power it on to verify that the display functions correctly. If the picture is restored and stable, proceed to the next step. If not, recheck all connections.
- Final Assembly:** Disconnect power again. Reattach the back cover of the television, ensuring all screws are tightened.

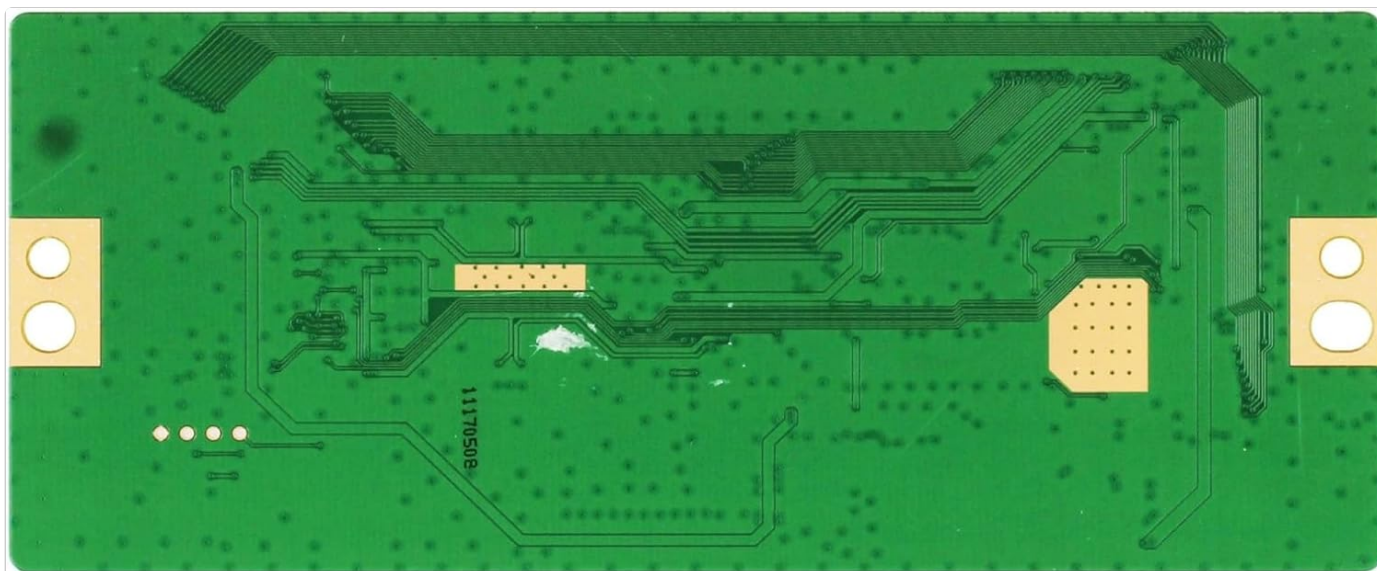


Figure 2: Close-up of the T-con board showing ribbon cable connection points. Proper alignment and secure connection of these cables are crucial for display functionality.

MAINTENANCE

The RXCWWZQQ T-con Logic Board is designed for long-term reliability and generally requires no routine maintenance. To ensure its longevity and optimal performance:

- **Keep Clean:** Ensure the interior of the TV remains free from dust and debris, which can lead to overheating or short circuits. Periodically clean the TV's ventilation openings.
- **Ventilation:** Ensure adequate airflow around the television to prevent excessive heat buildup, which can degrade electronic components over time.
- **Avoid Physical Shock:** Protect the television from impacts or drops, as physical shock can damage internal components, including the T-con board.

TROUBLESHOOTING

If you encounter issues after installing the T-con board, consider the following troubleshooting steps:

- **No Picture / Distorted Image:**
 - Verify all ribbon cables are securely and correctly seated in their connectors on both the T-con board and the display panel.
 - Ensure the power cable to the T-con board is firmly connected.
 - Check for any visible damage to the ribbon cables or connectors.
- **Incorrect Colors / Flickering:**
 - This can often be caused by loose or improperly connected ribbon cables. Re-seat them carefully.
 - Ensure the T-con board itself is securely mounted and not experiencing any intermittent contact.
- **TV Not Powering On:**
 - While less common for a T-con board issue, ensure all internal power connections are secure. If the TV does not power on at all, the issue might be with the power supply board or main board, not the T-con.

If troubleshooting steps do not resolve the issue, it is recommended to consult a professional television repair technician.

WARRANTY AND SUPPORT

For warranty information or technical support regarding your RXCWWZQQ 342911009L ST5461D13-2-C-2 T-con Logic Board, please refer to the seller's policy on the purchase platform or contact RXCWWZQQ customer service directly. Keep your purchase receipt as proof of purchase.

Contact Information: Please refer to the seller's contact details provided at the time of purchase or on the product listing page.

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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