

TV5006-ZC02-02 / 100005844

Generic Power Supply Board TV5006-ZC02-02 / 100005844 Instruction Manual

Compatible with ONN 100005844 Televisions

INTRODUCTION

This document provides essential information for the Generic Power Supply Board, model TV5006-ZC02-02, which is compatible with ONN television model 100005844. This board is a replacement component designed to restore power functionality to your television. Please read all instructions carefully before attempting installation or use.

IMPORTANT SAFETY INFORMATION

- **Professional Installation Recommended:** Installation of this power supply board requires technical expertise and familiarity with television electronics. It is strongly recommended that installation be performed by a qualified technician to prevent damage to the product, the television, or personal injury.
- **Disconnect Power:** Always ensure the television is completely unplugged from the power outlet before beginning any repair or installation work. Failure to do so can result in electric shock or severe injury.
- **Static Electricity:** Electronic components are sensitive to static electricity. Use appropriate anti-static precautions, such as an anti-static wrist strap, when handling the board to prevent damage.
- **Handle with Care:** Avoid touching components directly with bare hands. Hold the board by its edges.
- **Verify Compatibility:** Before installation, confirm that the part number (TV5006-ZC02-02) matches the original board in your television model (ONN 100005844). Incompatibility can lead to malfunction or damage.

PRODUCT OVERVIEW

The power supply board is a critical component responsible for converting incoming AC power into the various DC voltages required by the television's internal circuits. This replacement board is designed to meet the specifications of the original part in compatible ONN 100005844 televisions.



XTREEM PARTS

Image 1: Full view of the Power Supply Board TV5006-ZC02-02. This image displays the overall layout and components of the power supply board.

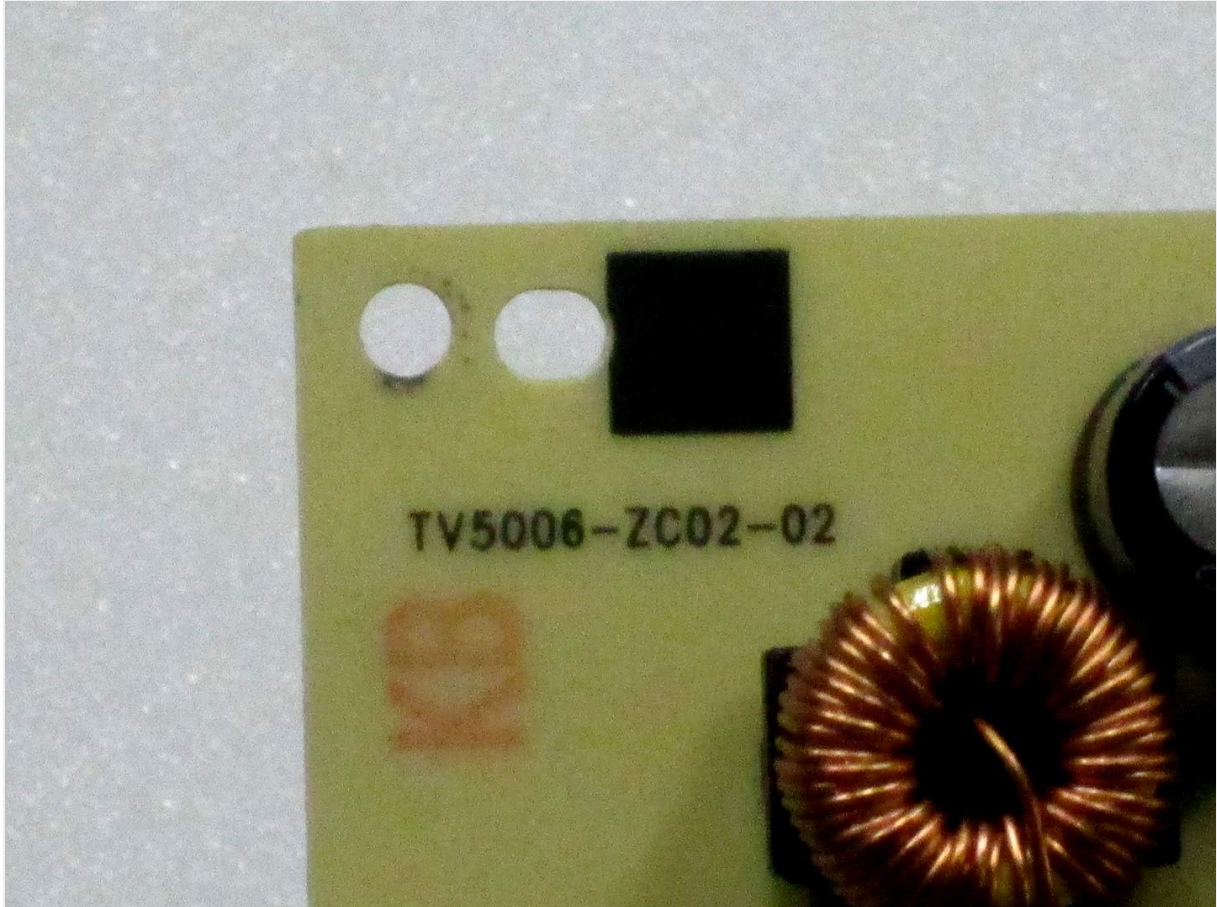


Image 2: Close-up view showing the model number TV5006-ZC02-02 printed directly on the circuit board. This helps in verifying the correct part.

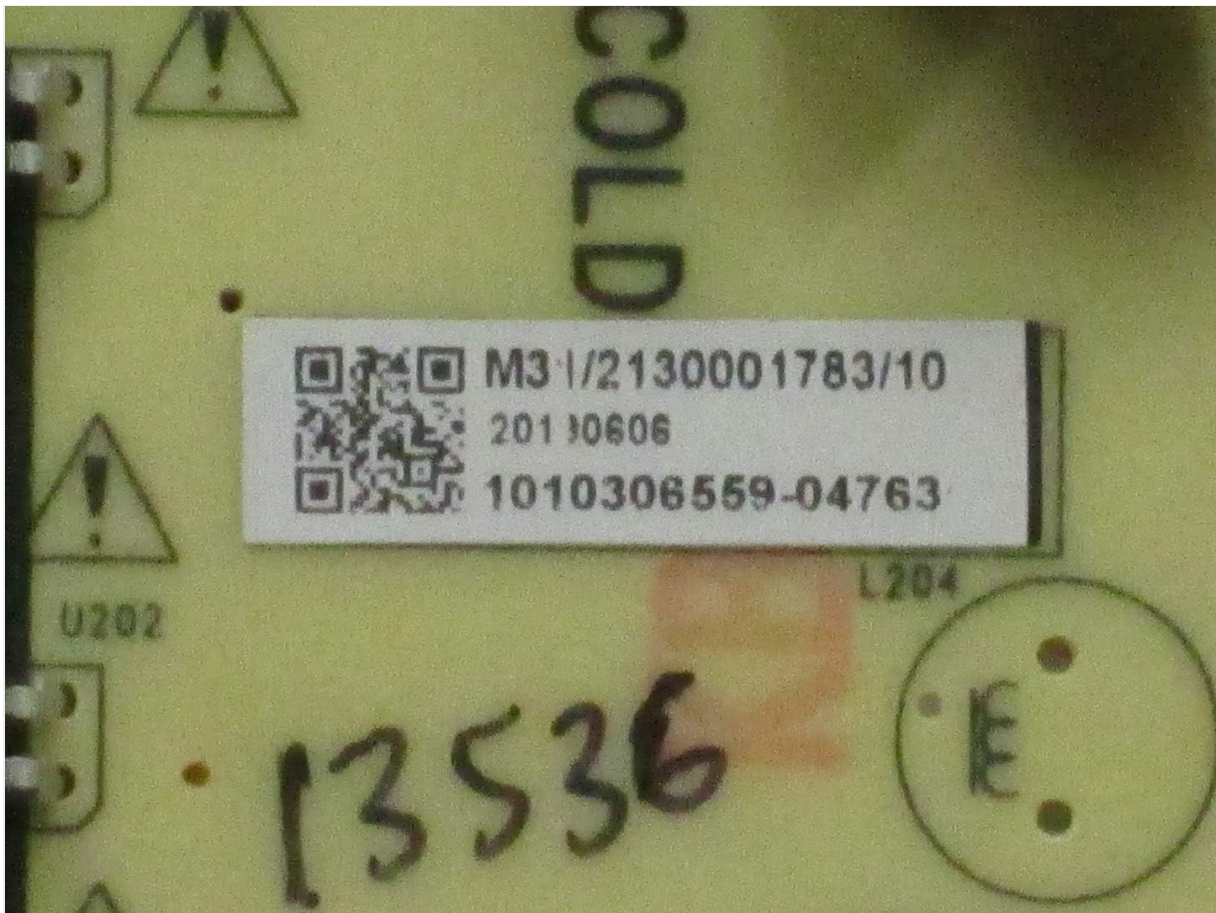


Image 3: Close-up view of a label on the board, displaying a QR code and the part number 1010306559-04763. This provides additional identification details for the component.

SETUP AND INSTALLATION

This section outlines the general steps for replacing a power supply board. Due to the complexity and safety risks involved, professional installation is highly recommended.

1. **Preparation:** Ensure the television is unplugged and allowed to cool down. Gather necessary tools, including screwdrivers, anti-static wrist strap, and a clean, well-lit workspace.
2. **Access the Board:** Carefully remove the back cover of the television to expose the internal components. Note the location and orientation of the existing power supply board.
3. **Disconnect Cables:** Gently disconnect all cables and connectors attached to the old power supply board. Take photos or make notes to remember their original positions.
4. **Remove Old Board:** Unscrew and carefully remove the old power supply board from the television chassis.
5. **Install New Board:** Position the new TV5006-ZC02-02 power supply board in the same location and secure it with screws.
6. **Reconnect Cables:** Reconnect all cables and connectors to the new board, ensuring they are firmly seated and correctly oriented. Refer to your notes or photos if needed.
7. **Test Functionality:** Before reattaching the back cover, plug in the television and perform a brief power-on test to ensure the new board is functioning correctly. If the television powers on, unplug it again.
8. **Reassemble:** Carefully reattach the television's back cover, ensuring all screws are tightened appropriately.

FUNCTIONALITY

The TV5006-ZC02-02 power supply board is designed to provide stable and regulated power to all internal

components of the compatible ONN 100005844 television. Its primary function is to ensure the television receives the correct voltage and current levels for proper operation, including powering the display, main board, and audio circuits.

MAINTENANCE

Power supply boards generally require minimal maintenance. To ensure longevity and optimal performance:

- **Keep Clean:** Ensure the television's ventilation openings are clear of dust and debris to allow for proper airflow and prevent overheating of internal components, including the power supply board.
- **Avoid Moisture:** Keep the television and its components away from liquids and high humidity environments.
- **Stable Power:** Connect the television to a stable power source. Using a surge protector can help protect the power supply board from voltage spikes.

TROUBLESHOOTING

If your television experiences issues after installing the new power supply board, consider the following common troubleshooting steps:

- **No Power:** Double-check all cable connections to ensure they are secure. Verify that the television is plugged into a working power outlet.
- **Intermittent Power:** Ensure all internal connectors are firmly seated. Inspect the board for any visible damage or loose components.
- **Incorrect Part:** Confirm that the installed power supply board (TV5006-ZC02-02) is indeed the correct replacement for your specific ONN 100005844 television model.
- **Professional Assistance:** If issues persist, it is advisable to consult a qualified television repair technician for further diagnosis and repair.

SPECIFICATIONS

Brand	Generic
Model Number	TV5006-ZC02-02 / 100005844
Compatible Devices	Televisions (specifically ONN 100005844)
Maximum Input Voltage	240 Volts (AC)
Cooling Method	Air
ASIN	B089P2GV59

WARRANTY AND SUPPORT

Warranty information for this Generic Power Supply Board is not provided in the product details. For any warranty claims, technical support, or further assistance, please contact the seller or retailer from whom the product was purchased. Ensure you have your purchase receipt and product details available when contacting support.