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› Lfidontkl /

› Lfidontkl Samsung Washing Machine Control Board User Manual (Models DC92-01764D, DC92-01764E, DC92-01764F, DC92-01764G)

Lfidontkl DC92-01764D, DC92-01764E, DC92-01764F, DC92-01764G

Lfidontkl Samsung Washing Machine Control Board User Manual

Models: DC92-01764D, DC92-01764E, DC92-01764F, DC92-01764G

Brand: Lfidontkl

1. INTRODUCTION

This user manual provides essential information for the proper installation, function, and care of your Lfidontkl compatible Samsung washing machine control board. This component is designed to replace original Samsung control boards with part numbers DC92-01764D, DC92-01764E, DC92-01764F, and DC92-01764G.

Please read this manual thoroughly before attempting any installation or repair to ensure safe and correct operation.

2. SAFETY INFORMATION

- **Electrical Hazard:** Always disconnect power to the washing machine at the circuit breaker or by unplugging it before attempting any installation, removal, or maintenance. Failure to do so can result in serious injury or death.
- **Professional Installation Recommended:** Installation of this control board requires technical knowledge and experience with appliance repair. If you are unsure about any step, consult a qualified technician.
- **Handle with Care:** Electronic components are sensitive to static electricity. Use appropriate anti-static precautions when handling the control board. Avoid touching the circuit board directly with bare hands.
- **Inspect for Damage:** Before installation, carefully inspect the new control board for any signs of physical damage. Do not install a damaged part.
- **Proper Tools:** Use only appropriate tools for the installation process to prevent damage to the control board or the washing machine.

3. PRODUCT DESCRIPTION

This product is a replacement washing machine control board compatible with various Samsung models. It serves as the central processing unit for the washing machine, managing wash cycles, water levels, spin

speeds, and other operational functions. The specific part number for this board is DC92-01764D, which features 10 sockets for connections. It is a new, quality component designed for reliable performance.



Figure 3.1: Top view of the Lfidontkl Samsung Washing Machine Control Board, showing the main circuit layout and connectors.

4. COMPATIBILITY

This control board is designed to be compatible with Samsung washing machines that originally used the following control board part numbers:

- DC92-01764D
- DC92-01764E
- DC92-01764F
- DC92-01764G

Always verify the part number on your existing control board to ensure proper compatibility before purchasing and installing this replacement part. Mismatched parts can lead to malfunction or damage to your appliance.

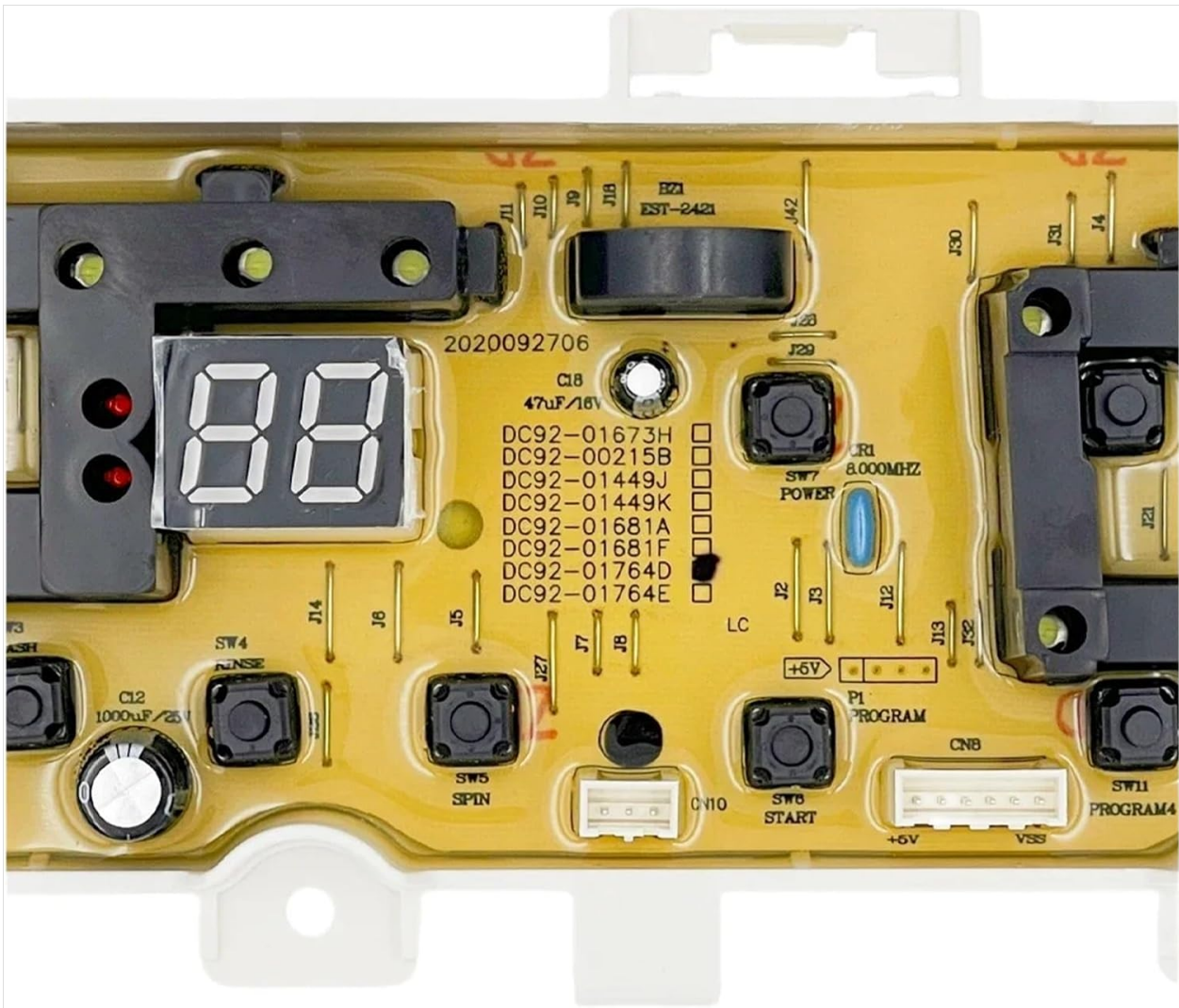


Figure 4.1: Close-up of the control board, highlighting the display and printed part numbers for verification.

5. FEATURES

The Lfidontkl compatible Samsung washing machine control board offers the following key features:

- **Accurate Model Adaptation:** Engineered to precisely match the specified Samsung washing machine models, ensuring correct functionality and preventing mismatches.
- **Waterproof Performance:** Designed with adequate waterproofing to protect the circuit board from damage due to washing and splashing water, enhancing durability.
- **Accurate Interface:** Features precisely designed plugs, sockets, and other interfaces to ensure perfect fit and secure connections with existing wiring harnesses.
- **Heat Dissipation Design:** Incorporates a reasonable heat dissipation structure to prevent overheating, which can lead to component failure and operational faults.
- **Fully Functional:** Provides comprehensive control functions, replicating all capabilities of the original equipment manufacturer (OEM) board.

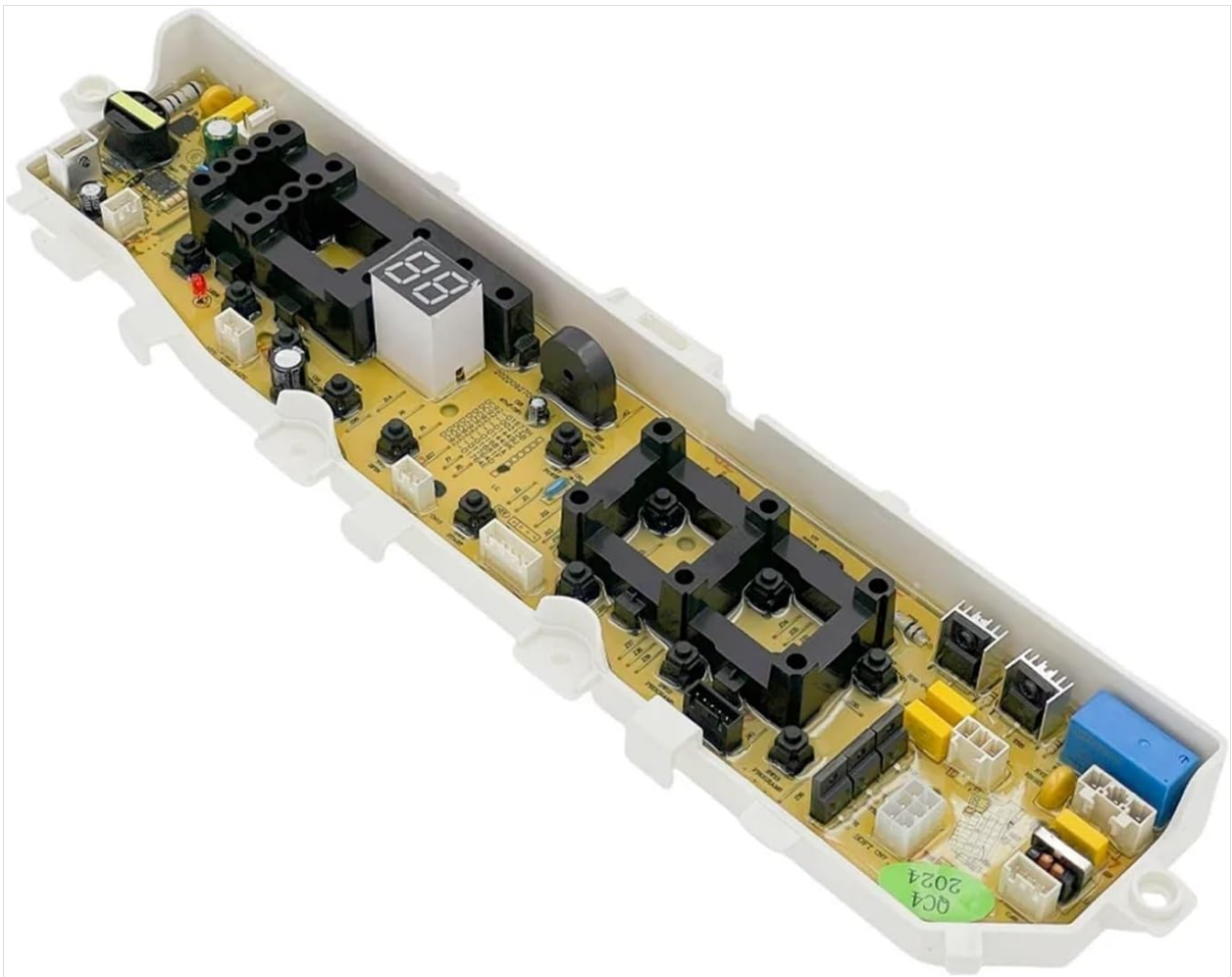


Figure 5.1: Angled view of the control board, illustrating the various connectors and components for interface accuracy.

6. SETUP AND INSTALLATION

The following are general steps for replacing a washing machine control board. Specific procedures may vary by washing machine model. Always refer to your washing machine's service manual for detailed instructions.

1. **Disconnect Power:** Ensure the washing machine is completely disconnected from the power supply.
2. **Access the Control Board:** Depending on your washing machine model, you may need to remove the top panel, back panel, or control panel assembly to access the existing control board.
3. **Document Connections:** Before disconnecting any wires, take clear photos or make a diagram of all wire connections to the old control board. This will be crucial for correct reassembly.
4. **Disconnect Wires:** Carefully disconnect all wire harnesses and connectors from the old control board. Note any clips or locking mechanisms.
5. **Remove Old Board:** Unscrew or unclip the old control board from its mounting brackets.
6. **Install New Board:** Position the new Lfidontkl control board in the same location and secure it with the original screws or clips.
7. **Reconnect Wires:** Using your photos or diagram, carefully reconnect all wire harnesses and connectors to the new control board. Ensure all connections are secure and correctly seated.
8. **Reassemble:** Reattach any panels or covers that were removed to access the control board.
9. **Test Functionality:** Restore power to the washing machine and perform a test cycle to ensure the new control board is functioning correctly.

Warning: Improper installation can lead to appliance malfunction, electrical shock, or fire. If you are

not confident in your ability to perform this repair, seek professional assistance.

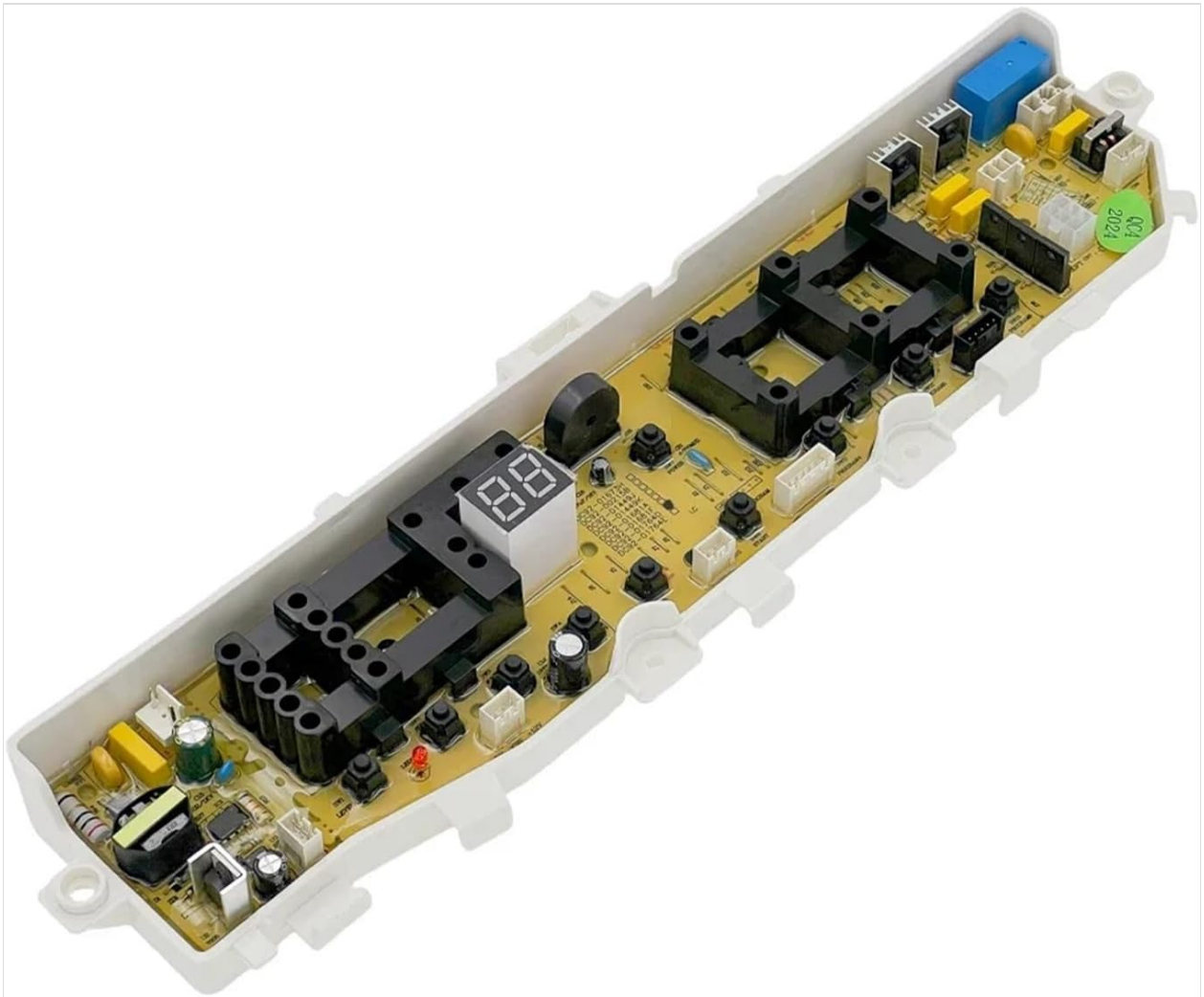


Figure 6.1: Angled view of the control board, emphasizing the various connection points for proper installation.

7. OPERATING

Once installed, the control board operates as the brain of your washing machine. Its function is to interpret user commands from the control panel and execute the corresponding washing cycles and functions. There are no direct user operations on the control board itself.

To operate your washing machine, refer to your appliance's original user manual for instructions on selecting wash cycles, water temperature, spin speed, and other settings. The control board will process these selections to ensure the washing machine performs as expected.

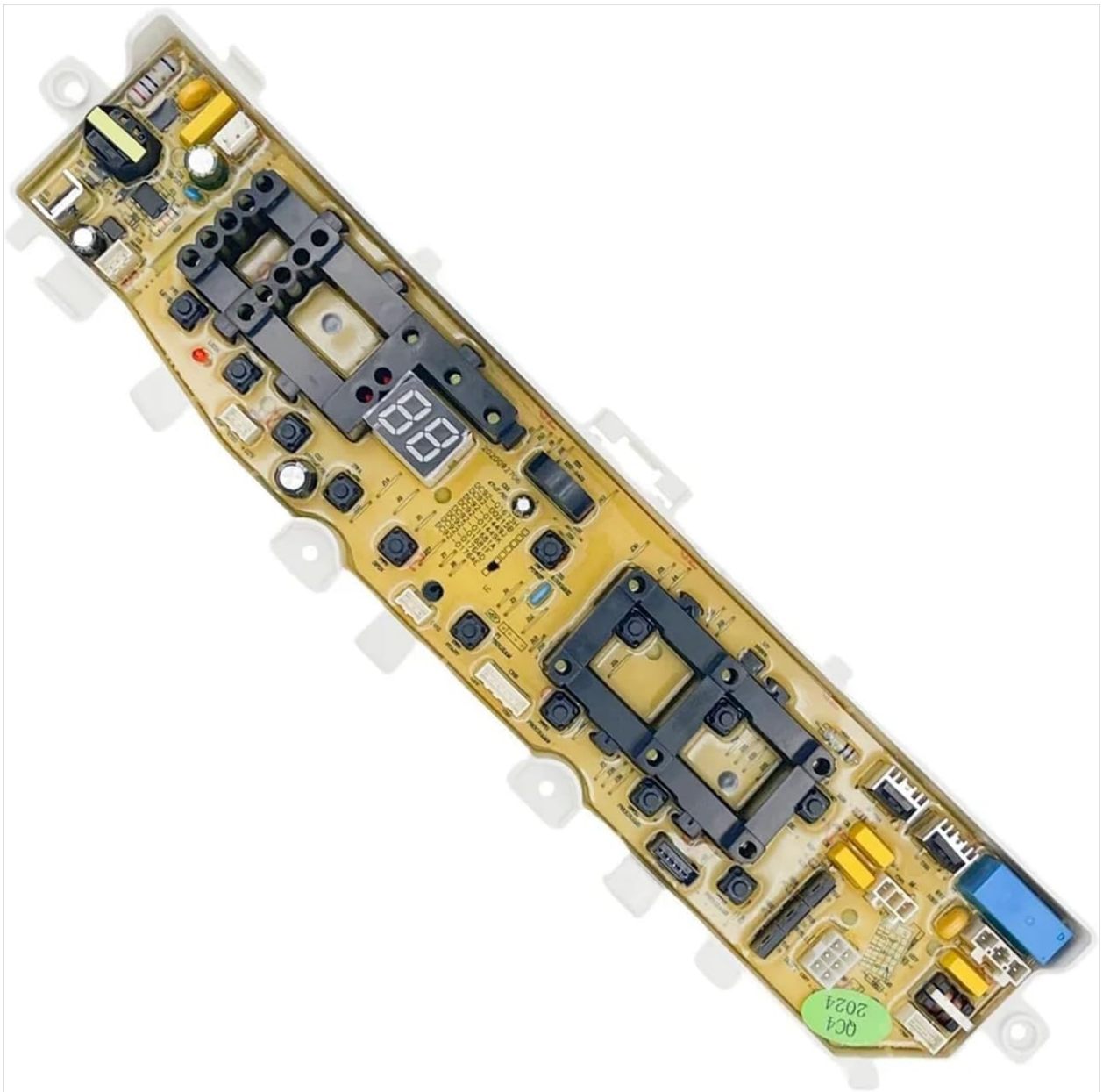


Figure 7.1: Top-down view of the control board, illustrating the integrated display and various control components.

8. MAINTENANCE

The control board itself requires minimal maintenance. However, to ensure its longevity and proper function, consider the following:

- **Keep Dry:** While designed with waterproofing, excessive moisture or direct water exposure should be avoided. Ensure the washing machine's internal environment remains dry.
- **Clean Connections:** Periodically, with power disconnected, inspect wire connections for corrosion or looseness. Clean any dust or debris gently with a soft, dry brush or compressed air.
- **Stable Power Supply:** Ensure your washing machine is connected to a stable power supply. Power surges can damage electronic components. Consider using a surge protector if your area experiences frequent power fluctuations.
- **Avoid Physical Impact:** Protect the washing machine from strong impacts or vibrations that could dislodge components or damage the circuit board.

9. TROUBLESHOOTING

If your washing machine experiences issues after control board replacement, consider the following troubleshooting steps:

- **No Power/No Display:**

- Check the main power supply to the washing machine.
- Verify all wire connections to the control board are secure and correctly seated.
- Ensure the control panel ribbon cable (if applicable) is properly connected.

- **Incorrect Cycle Operation:**

- Double-check that the correct control board model was installed for your washing machine.
- Inspect for any loose or incorrect wire connections.
- Refer to your washing machine's service manual for diagnostic codes or specific troubleshooting steps related to cycle issues.

- **Error Codes Displayed:**

- Consult your washing machine's user manual or service manual to interpret any displayed error codes. These codes often point to specific component failures or operational issues.
- Some error codes may indicate issues with other components (e.g., water level sensor, motor, door lock) rather than the control board itself.

- **Intermittent Functionality:**

- Ensure all connections are tight and free from corrosion.
- Check for any signs of moisture or physical damage to the board.

If troubleshooting steps do not resolve the issue, it is recommended to contact a qualified appliance repair technician.

10. SPECIFICATIONS

Product Specifications

Attribute	Detail
Item Name	Washing Machine Control Board
Brand	Lfidontkl (Compatible with Samsung)
Part Numbers	DC92-01764D, DC92-01764E, DC92-01764F, DC92-01764G
Number of Sockets	10 (for DC92-01764D variant)
Condition	New
Item Weight	1.76 ounces
Package Dimensions	1.18 x 0.79 x 0.39 inches
Item Model Number	Lfidontkl
Item Package Quantity	1
ASIN	B0DSTWV67Y
Date First Available	January 12, 2025

11. WARRANTY AND SUPPORT

Specific warranty information for this Lfidontkl product is not provided in the product details. Please refer to the seller's return policy or contact the seller directly for details regarding warranty coverage and support.

For technical assistance or further inquiries, please reach out to the retailer or manufacturer through their official support channels.