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› Instruction Manual: UpStart Components W10503278 Refrigerator Control Jazz Board Replacement

UpStart Components AP-WPW10503278-DL407

Instruction Manual: W10503278 Refrigerator Control Jazz Board Replacement

Model: AP-WPW10503278-DL407 | Brand: UpStart Components

1. PRODUCT OVERVIEW

This document provides essential information for the installation and maintenance of the UpStart Components W10503278 Refrigerator Control Jazz Board. This board is designed as a replacement part compatible with Kenmore/Sears 596.69952011 refrigerators and other models that use the WPW10503278 control board. It is manufactured with durable, high-quality materials to ensure longevity and reliable performance, offering an affordable solution to extend the life of your appliance.

Important Note: This is an UpStart Components brand replacement part and not an Original Equipment Manufacturer (OEM) product. Compatibility is strictly for illustrative purposes. All brand names and logos mentioned are registered trademarks of their respective owners.

UPStart Components

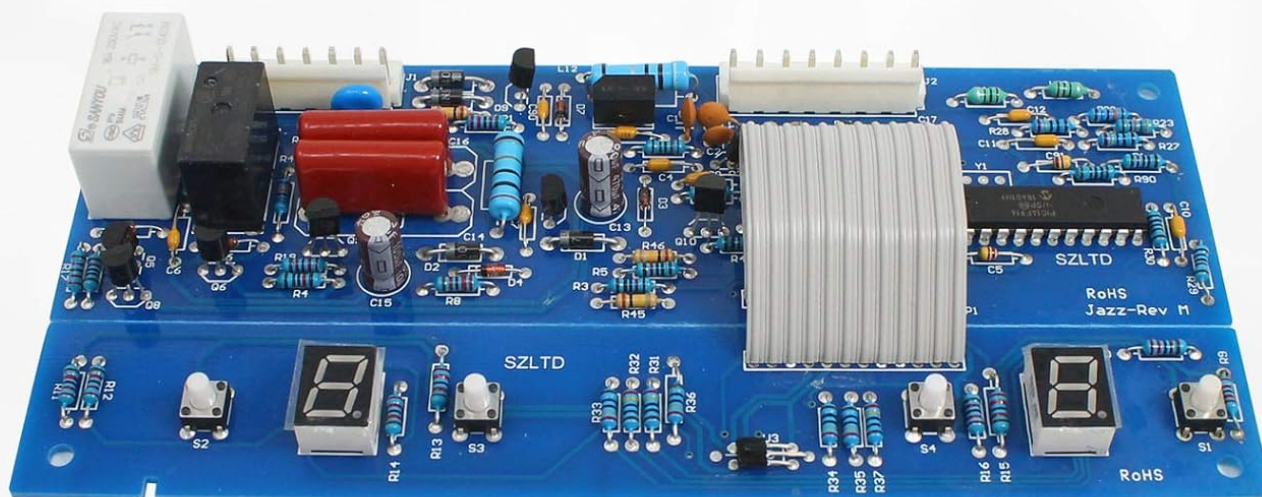


Figure 1: The UpStart Components W10503278 Refrigerator Control Jazz Board, featuring the UpStart Components logo prominently.

2. SAFETY INFORMATION

- **Disconnect Power:** Always disconnect the refrigerator from its power source (unplug it or turn off the circuit breaker) before attempting any installation, repair, or maintenance. Failure to do so can result in serious injury or electrical shock.
- **Professional Installation Recommended:** While designed for at-home installation, it is highly recommended that installation be performed by a qualified technician to ensure proper function and safety.
- **Handle with Care:** Electronic components are sensitive. Avoid touching the circuit board with bare hands to prevent static discharge damage. Use anti-static gloves if available.
- **Verify Compatibility:** Before installation, double-check that this replacement board is compatible with your specific

refrigerator model and the original part number. Refer to your appliance's service manual if necessary.

- **Keep Dry:** Ensure the installation area and the control board itself are completely dry before and during installation. Moisture can cause short circuits and damage.

3. INSTALLATION GUIDE (SETUP)

This section outlines the general steps for replacing the refrigerator control board. Specific steps may vary depending on your refrigerator model. Always refer to your appliance's service manual for detailed instructions.

3.1. Tools Required

- Screwdriver set (Phillips and flathead)
- Nut driver set (if applicable)
- Needle-nose pliers
- Work gloves (optional, for protection)
- Anti-static wrist strap or gloves (recommended)

3.2. Pre-Installation Steps

1. **Disconnect Power:** Unplug the refrigerator from the wall outlet or turn off the circuit breaker supplying power to the refrigerator. Verify power is off before proceeding.
2. **Access the Control Board:** Locate the control board compartment. This is typically found at the back of the refrigerator, behind a service panel, or sometimes inside the fresh food compartment. Remove any screws or clips securing the access panel.
3. **Document Connections:** Before disconnecting any wires, take clear photos of all wire connections to the existing control board. This will serve as a reference for reconnecting the new board. Label wires if necessary.

3.3. Board Replacement Procedure

4. **Disconnect Wires:** Carefully disconnect all wire harnesses and connectors from the old control board. Use needle-nose pliers if connectors are tight.
5. **Remove Old Board:** Unmount the old control board from its housing. It may be secured by screws, clips, or tabs.
6. **Install New Board:** Position the new UpStart Components W10503278 control board into the housing. Ensure it is seated correctly and secure it with any screws, clips, or tabs that held the old board.
7. **Reconnect Wires:** Using your photos and labels as a guide, carefully reconnect all wire harnesses and connectors to the new control board. Ensure each connection is firm and secure.

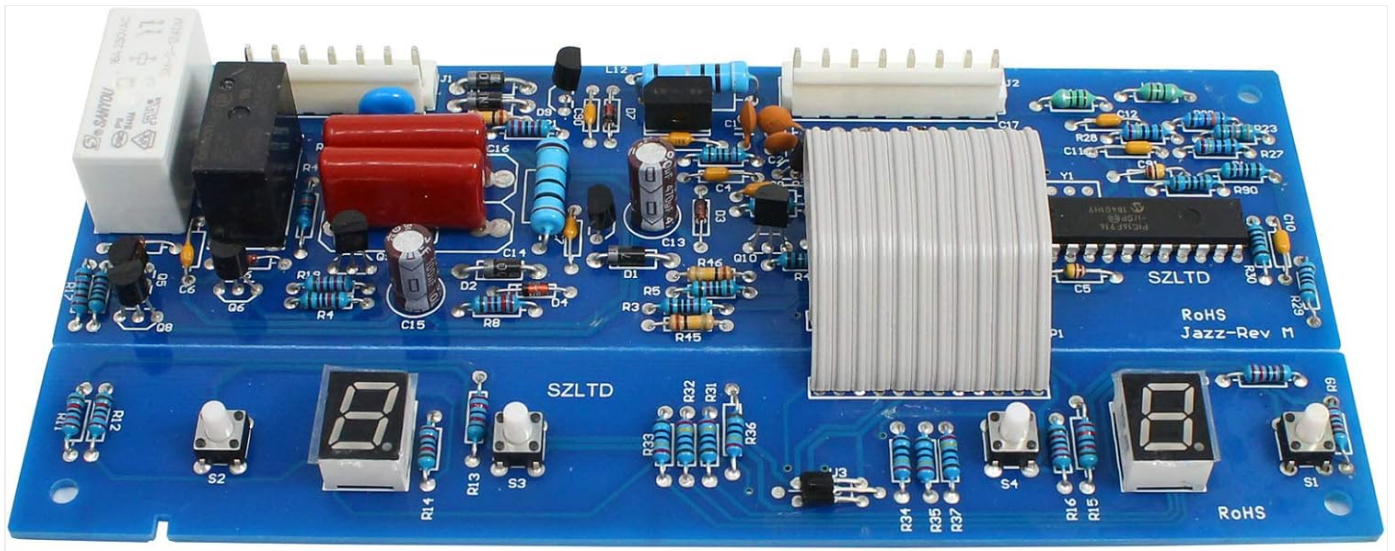


Figure 2: Detailed view of the control board, highlighting connection points and electronic components.

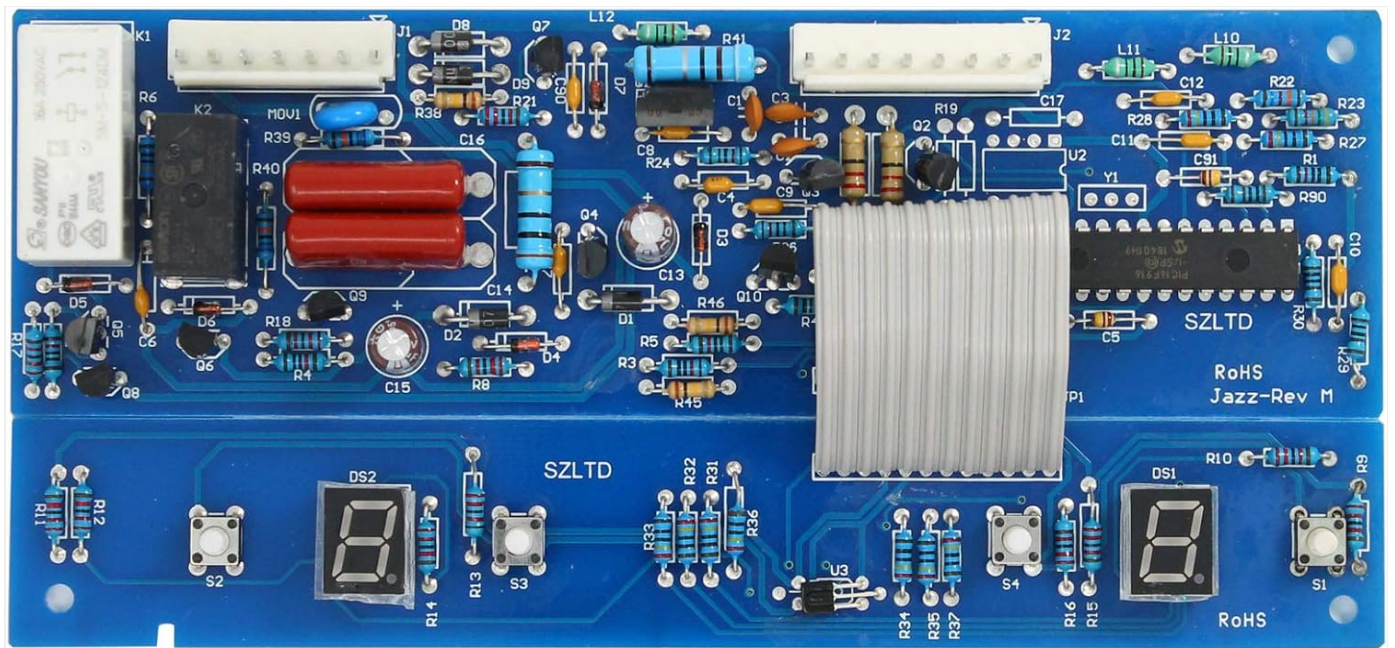


Figure 3: An alternative perspective of the control board, showing the layout of its various parts.

3.4. Post-Installation Steps

7. **Replace Access Panel:** Reattach the access panel or cover that was removed earlier, securing it with its original screws or clips.
8. **Restore Power:** Plug the refrigerator back into the wall outlet or turn on the circuit breaker.
9. **Test Functionality:** Allow the refrigerator to power on and stabilize. Check for proper operation, including cooling, light function, and any display readings. Listen for unusual noises.

4. OPERATING THE REFRIGERATOR (POST-INSTALLATION)

Once the new control board is installed, the refrigerator should resume normal operation. The control board manages various functions, including temperature regulation, defrost cycles, and fan operation. No direct user interaction with the control board itself is required for daily operation.

- **Initial Startup:** After power is restored, the refrigerator may take several hours to reach its set temperature. Avoid placing large amounts of warm food inside immediately.
- **Temperature Settings:** Adjust temperature settings using the refrigerator's external or internal control panel as you

normally would. The new control board will interpret these commands.

- **Monitoring:** Periodically check the refrigerator's temperature to ensure it is maintaining the desired cooling levels.

5. MAINTENANCE

The W10503278 Refrigerator Control Jazz Board is designed to be maintenance-free once installed. However, general appliance maintenance practices can help ensure its longevity and the overall performance of your refrigerator.

- **Keep Area Clean:** Ensure the area around the control board (if accessible) remains free of dust and debris.
- **Avoid Moisture:** Protect the control board from any exposure to water or excessive humidity.
- **Regular Refrigerator Maintenance:** Perform routine maintenance on your refrigerator as recommended by its manufacturer, such as cleaning condenser coils and checking door seals.

6. TROUBLESHOOTING

If your refrigerator is not functioning correctly after installing the new control board, consider the following troubleshooting steps:

Problem	Possible Cause	Solution
Refrigerator not turning on / No power	• Power cord not fully plugged in • Circuit breaker tripped • Loose connection to the control board	• Ensure power cord is securely plugged in. • Check and reset the circuit breaker. • Disconnect power, then re-check all wire connections to the board.
Refrigerator not cooling properly	• Incorrect temperature setting • Loose connection to the control board • Other component failure (e.g., fan, compressor)	• Verify temperature settings are correct. • Disconnect power, then re-check all wire connections to the board. • If the issue persists, consult a qualified technician as the problem may lie with another component.
Display not working or showing errors	• Loose display cable connection • Board not fully seated	• Disconnect power, then check the display cable connection to the board. • Ensure the board is securely mounted in its housing.

If these steps do not resolve the issue, it is advisable to contact a professional appliance repair technician.

7. SPECIFICATIONS

Brand:
UpStart Components

Model Number:
AP-WPW10503278-DL407

Part Number:
AP-WPW10503278-DL407

Compatible Part Numbers:
WPW10503278, AP6022400, W10503278, 12784415, 12002339, 12002445, 12002449, 12002508, 12002509,

12002567, 12002706, 12784415V, 12868502, 12868510, 12868513, 67003867, 67004453, 67004496, 67004907, 67005043, 67005280, 67005281, 67006034, 67006209, 67006214, 67006216, 67006226, 67006712, 67006740, 8208187, PS11755733, W10165748

Manufacturer:
UpStart Components

ASIN:
B082P88J35

Date First Available:
December 12, 2019

8. WARRANTY AND SUPPORT

Any warranties for this product are offered solely by UpStart Components. This product is not affiliated with any original equipment manufacturers and is not covered under their warranties.

For specific warranty details or technical support regarding your UpStart Components W10503278 Refrigerator Control Jazz Board, please refer to the warranty information provided with your purchase or contact UpStart Components directly through their official support channels.

Contact Information: Please visit the UpStart Components website or refer to your purchase documentation for the most current contact information for customer support.

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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

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