

[Manuals.plus](#) /

› [UpStart Components](#) /

› UpStart Components Refrigerator Control Board User Manual

UpStart Components WPW10503278

UpStart Components Refrigerator Control Board User Manual

Model: WPW10503278

PRODUCT OVERVIEW

This manual provides essential information for the installation, operation, and maintenance of the UpStart Components WPW10503278 Refrigerator Control Jazz Board. This board serves as a replacement part for Kenmore/Sears 596.69333010 refrigerators, designed to restore proper functionality to your appliance's control system.

The control board is a critical electronic component responsible for managing various refrigerator functions, including temperature regulation, defrost cycles, and compressor operation. This replacement part is manufactured with durable, high-quality materials to ensure longevity and reliable performance.

UPStart Components

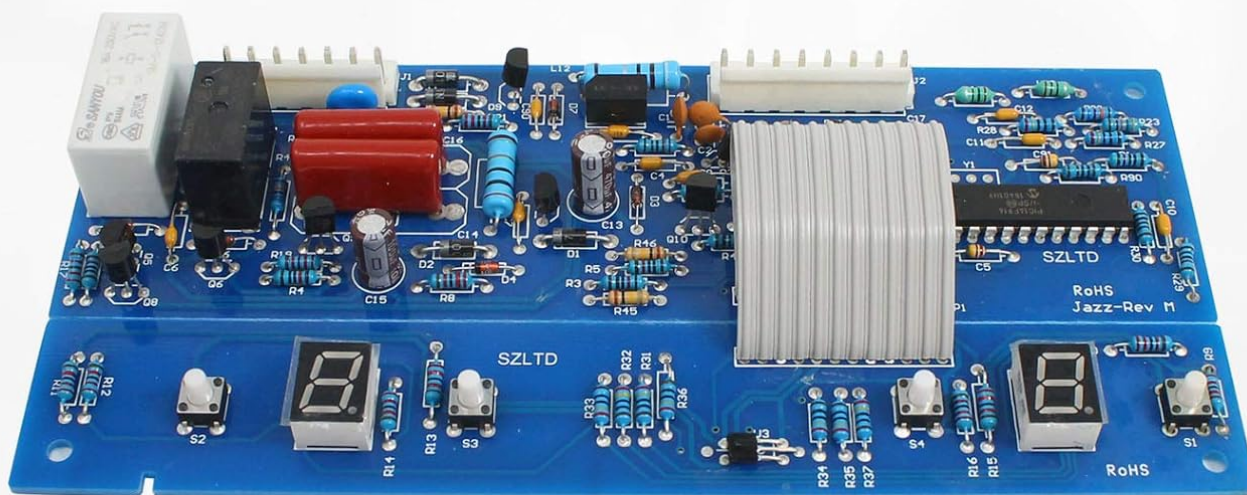


Figure 1: Front view of the UpStart Components WPW10503278 Refrigerator Control Jazz Board. This image displays the overall layout of the circuit board, including various electronic components such as resistors, capacitors, relays, and integrated circuits, mounted on a blue PCB. The "UpStart Components" logo is visible at the top.

SAFETY INFORMATION

WARNING: Before attempting any installation or maintenance, always disconnect power to the refrigerator by unplugging it from the electrical outlet or turning off the circuit breaker. Failure to do so can result in serious injury or electrical shock.

- Wear appropriate personal protective equipment (PPE), such as gloves and safety glasses.
- Handle the control board by its edges to avoid damaging electronic components or static discharge.
- Ensure all connections are secure and correctly oriented before restoring power.

- If you are unsure about any step, consult a qualified appliance technician.

INSTALLATION INSTRUCTIONS

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

Tools Required:

- Screwdriver set (Phillips and flathead)
- Nut driver set (if applicable)
- Needle-nose pliers
- Digital camera (optional, for documenting connections)

Procedure:

1. **Disconnect Power:** Unplug the refrigerator from the wall outlet or turn off the dedicated circuit breaker. Verify power is off.
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 within the dispenser area. 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. Note the color and position of each wire. This will be crucial for correct reassembly.
4. **Disconnect Wires:** Carefully disconnect all wire harnesses and individual wires from the old control board. Some connectors may have locking tabs that need to be pressed or squeezed.
5. **Remove Old Board:** Unscrew or unclip the old control board from its mounting brackets.
6. **Install New Board:** Position the new UpStart Components WPW10503278 control board in the same location as the old one. Secure it with the original screws or clips.
7. **Reconnect Wires:** Using your documented photos as a guide, carefully reconnect all wire harnesses and individual wires to the new control board. Ensure each connection is firm and correctly seated.
8. **Secure Access Panel:** Replace the service panel and secure it with its screws or clips.
9. **Restore Power:** Plug the refrigerator back into the electrical outlet or turn on the circuit breaker.
10. **Test Operation:** Allow the refrigerator to power on and observe its functions. Check if the display (if any) is active and if the compressor and fans are operating normally.

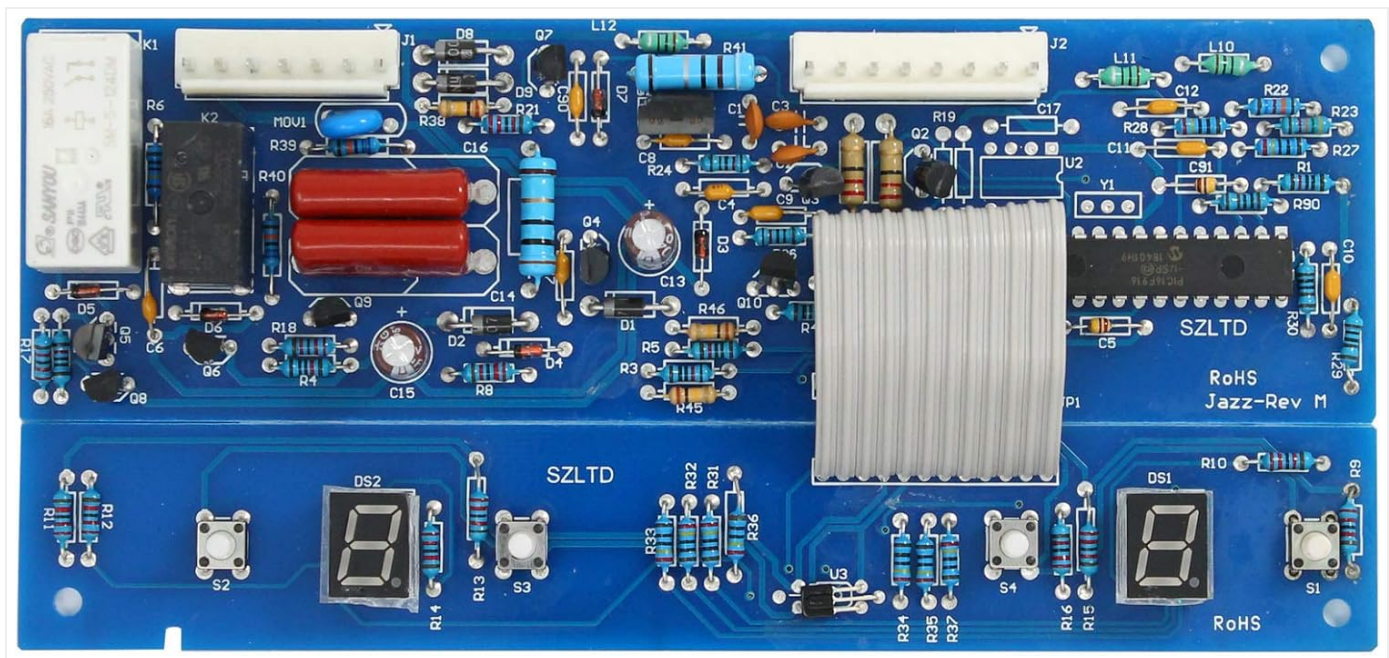


Figure 2: Detailed view of the UpStart Components WPW10503278 Refrigerator Control Jazz Board, showing various connection points and electronic components. This image highlights the intricate circuitry and the multiple connectors where wire harnesses from the refrigerator attach, emphasizing the importance of correct wiring during installation.

OPERATING INSTRUCTIONS

The UpStart Components WPW10503278 Refrigerator Control Jazz Board is designed to seamlessly integrate with your Kenmore/Sears 596.69333010 refrigerator, restoring its original operational capabilities. Once correctly installed, the board will enable the refrigerator to function as intended by the appliance manufacturer.

There are no direct user controls on the control board itself. All operational settings, such as temperature adjustments, ice maker functions, and dispenser controls, are managed through the refrigerator's external user interface. Refer to your refrigerator's original user manual for specific operating instructions related to your appliance model.

MAINTENANCE

The UpStart Components WPW10503278 Refrigerator Control Jazz Board is a sealed electronic component and requires minimal maintenance. To ensure its longevity and optimal performance:

- **Keep Dry:** Ensure the control board compartment remains dry and free from moisture. Water or excessive humidity can damage electronic components.
- **Clean Connections:** Periodically, with power disconnected, inspect the wire connections to the board for any signs of corrosion or looseness. Gently clean any dust accumulation with a soft, dry brush or compressed air.
- **Avoid Physical Impact:** Protect the board from physical shocks or impacts, which can damage internal circuitry.

Do not attempt to repair the control board yourself. If the board is suspected to be faulty, it should be replaced.

TROUBLESHOOTING

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

- **No Power/No Display:**
 - Verify the refrigerator is plugged in and the circuit breaker is on.
 - Ensure all wire harnesses are securely connected to the control board. Refer to your installation photos.

- Check for any blown fuses within the refrigerator's electrical system (consult appliance manual).

• **Specific Functions Not Working (e.g., cooling, defrost, ice maker):**

- Confirm all wire connections are correct and secure.
- Consult your refrigerator's original service manual for diagnostic codes or specific troubleshooting steps related to the symptom.
- The issue might not be the control board. Other components (e.g., compressor, fan motor, thermistor, defrost heater) could be faulty.

• **Intermittent Operation:**

- Check for loose connections on the control board or elsewhere in the refrigerator's wiring.
- Ensure the refrigerator is receiving stable power.

If troubleshooting does not resolve the issue, it is recommended to contact a qualified appliance repair technician or UpStart Components customer support.

SPECIFICATIONS

Part Number	WPW10503278 (Compatible with AP6022400, W10503278, etc.)
Model Name	W10503278
Compatibility	Kenmore/Sears 596.69333010 Refrigerator and other models using WPW10503278
Manufacturer	UpStart Components
Power Source	AC/DC (as per appliance design)
ASIN	B082P8F88S

WARRANTY AND SUPPORT

This UpStart Components replacement part is covered by a warranty offered solely by UpStart Components. It is not affiliated with or covered under any warranties offered by the original appliance manufacturers (e.g., Kenmore/Sears). For specific warranty details, return policies, or technical support, please refer to the documentation provided with your purchase or contact UpStart Components directly. Typically, products purchased through Amazon may have a 30-day return/replacement policy through the seller.

For further assistance, please visit the UpStart Components website or contact their customer service.

© 2024 UpStart Components. All rights reserved.

All brand names and logos are registered trademarks of their respective owners. This product is not affiliated with any brands mentioned.

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