

Stripledspareparts MATH-STRIPLED-190721-06771

Stripledspareparts TV LED Backlight Strip Replacement Manual

Model: MATH-STRIPLED-190721-06771

1. IMPORTANT COMPATIBILITY NOTES

This LED backlight strip is designed as a replacement part for various Samsung TV models, including UN75F7100AF, UE75F6370SS, UE75F6300AY, UE75F6300AW, and UE75F6300AK, as well as part numbers BN96-26413C, BN96-26413B, and BN96-26413A.

Crucial: The TV model number alone is for reference only and may not guarantee compatibility. Different production batches of the same TV model can use varying backlight strips.

Before installation, it is essential to:

- Open your TV casing to visually confirm that your existing backlight strip matches the appearance, size, and connector type of this product.
- If you cannot open the TV, locate the model number on the nameplate at the back of your TV and compare it with the listed compatible models and part numbers. However, physical verification is always recommended.

Failure to confirm the exact backlight strip model may result in incompatibility.

2. PRODUCT OVERVIEW

This product is a brand new, direct replacement LED backlight strip designed to restore illumination to your television display. It is engineered to be consistent with the original part, requiring no modifications for installation.

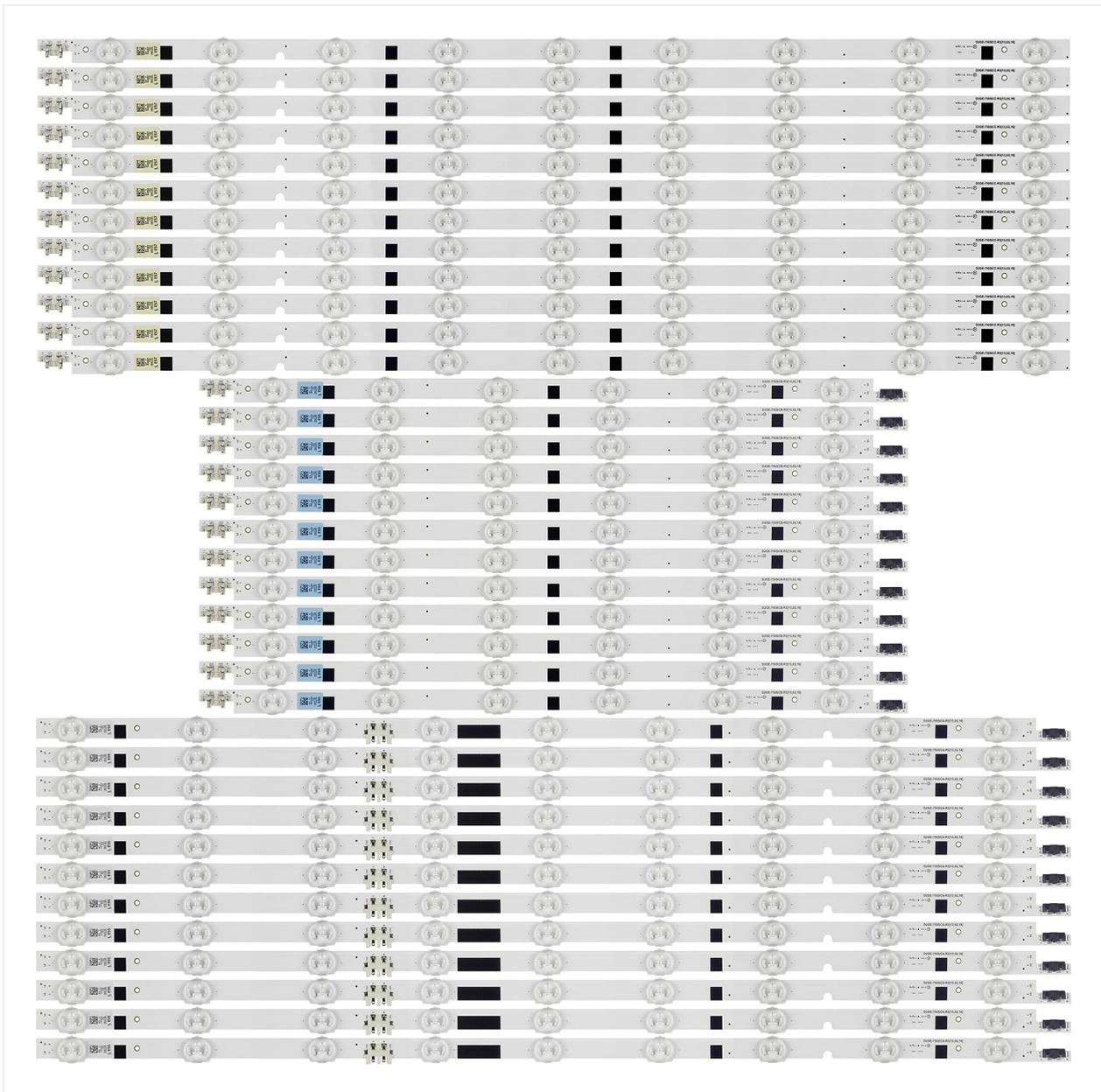


Image 1: Overview of the LED backlight strips. Each strip features multiple LED modules and connection points.

Package Contents:

- One (1) set of LED backlight strips (quantity may vary based on selection).

3. INSTALLATION INSTRUCTIONS

Replacing TV LED backlight strips requires technical knowledge and careful handling of electronic components. If you are not comfortable performing this repair, it is recommended to seek assistance from a qualified technician.

Required Tools (Not Included):

- Screwdriver set (Phillips, flathead)
- Pry tools or plastic opening tools
- Anti-static wrist strap
- Clean, soft cloth
- Work gloves (optional)

General Installation Steps:

1. **Safety First:** Disconnect the TV from the power outlet and allow it to cool down. Place the TV face down on a soft, clean surface to prevent screen damage.
2. **Remove Back Cover:** Carefully remove all screws securing the TV's back cover. Use pry tools to gently separate the cover from the chassis.
3. **Disconnect Cables:** Disconnect any cables connected to the main board, power supply board, and T-con board. Take photos of cable connections for reassembly reference.
4. **Remove Internal Components:** Carefully remove any internal components (e.g., speakers, main board, power supply board) that obstruct access to the display panel.
5. **Remove Bezel and Frame:** Detach the front bezel and any internal metal frames that hold the display panel in place.
6. **Lift Display Panel:** With extreme caution, gently lift and remove the LCD/LED display panel. This step often requires two people due to the panel's fragility and size. Place it safely aside, face down on a soft surface.
7. **Access Backlight Area:** Remove the diffuser sheets and reflective layers to expose the old LED backlight strips.
8. **Replace Strips:** Disconnect the old LED strips and carefully remove them. Install the new Stripedspareparts LED backlight strips, ensuring they are correctly aligned and connected.
9. **Test Backlights:** Before reassembling the entire TV, temporarily connect the power supply and main board to test if the new backlight strips illuminate correctly. Disconnect power after testing.
10. **Reassemble TV:** Carefully reverse the disassembly steps: re-install diffuser sheets, reflective layers, display panel, frames, bezel, internal components, and finally the back cover. Ensure all cables are reconnected correctly.
11. **Final Test:** Connect the TV to power and test its full functionality.

4. OPERATING INSTRUCTIONS

Once correctly installed, the LED backlight strips operate automatically as part of your television's display system. There are no user-adjustable settings directly related to the backlight strips themselves.

- Ensure your TV's power cable is securely connected to a working power outlet.
- Turn on your TV using the remote control or the power button on the TV.
- The backlight strips will illuminate, providing the necessary light for your TV's display.

5. MAINTENANCE

LED backlight strips are designed for long operating life and generally require no routine maintenance after installation. To ensure their longevity and optimal performance:

- **Avoid Physical Impact:** Protect your TV from physical shocks or impacts, which can damage internal components, including the backlight strips.
- **Proper Ventilation:** Ensure your TV has adequate ventilation to prevent overheating, which can shorten the lifespan of electronic components.
- **Cleanliness:** Keep the TV's exterior clean. If you need to clean the screen, use a soft, lint-free cloth specifically designed for electronics, and avoid harsh chemicals.

6. TROUBLESHOOTING

If you encounter issues after installing the new backlight strips, consider the following troubleshooting steps:

Problem	Possible Cause	Solution
No picture, but sound is present (or very dim picture).	Backlight strips not illuminating or faulty connection.	<ul style="list-style-type: none">• Verify all connections to the backlight strips are secure.• Ensure the power supply board is functioning correctly.• Re-check compatibility of the installed strips with your TV model.
Flickering or uneven brightness.	Loose connection, faulty strip, or power supply issue.	<ul style="list-style-type: none">• Inspect connections for looseness.• If possible, test individual strips to identify a faulty one.• Ensure the power supply board is providing stable voltage.
TV does not power on after installation.	Incorrect reassembly, short circuit, or damage during installation.	<ul style="list-style-type: none">• Double-check all cable connections and ensure no screws are left loose inside.• Verify that no components were accidentally damaged or short-circuited during the process.• If issues persist, consult a professional TV repair technician.

7. SPECIFICATIONS

Brand: Stripedspareparts

Model Number: MATH-STRIPLED-190721-06771

Part Number: MATH-STRIPLED-190721-06771

Compatible TV Models: Samsung UN75F7100AF, UE75F6370SS, UE75F6300AY, UE75F6300AW, UE75F6300AK

Compatible Part Numbers: BN96-26413C, BN96-26413B, BN96-26413A

Item Type: Strip LED for TV

Color: Multicolored (referring to the LED light output, not the strip itself)

ASIN: B09B6S7QB8

Date First Available: July 27, 2021

8. WARRANTY AND SUPPORT

Specific warranty information for this product is not provided in the available data. Please refer to the retailer or manufacturer's website for details regarding warranty coverage and return policies.

For technical support or further assistance, please contact the seller or manufacturer directly through their official channels.

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This manual is for informational purposes only. Stripedspareparts is not responsible for any damage or injury caused by improper installation or use of this product.