

Alcatel 1T 10 8082 8084 (WJ1857-FPC V6.0, TG101T-TCL U3A 10WIFI)

# Generic Alcatel 1T 10 8082 8084 10.1-inch Tablet Capacitive Touch Screen Panel Installation Guide

Model: Alcatel 1T 10 8082 8084, Part Numbers: WJ1857-FPC V6.0, TG101T-TCL U3A 10WIFI

## 1. INTRODUCTION

This manual provides detailed instructions for the safe and effective installation of the replacement capacitive touch screen panel for the Alcatel 1T 10 8082 and 8084 10.1-inch tablets. Please read all instructions carefully before beginning the installation process.

## 2. SAFETY PRECAUTIONS AND IMPORTANT NOTES

**Warning: Installation should ideally be performed by a qualified professional. Any damage to your device during the replacement process is your responsibility. Proceed with caution.**

- **Electrostatic Discharge (ESD) Protection:** Before attempting any installation, ensure you are properly grounded using an ESD strap. This prevents static electricity from damaging sensitive electronic components within the tablet.
- **Test Before Installation:** Do not remove any protective films or tags from the new screen until it has been thoroughly tested. Simulate the installation by connecting the new screen to the tablet's motherboard and powering on the device to verify functionality.
- **Handle with Care:** The screen replacement is a fragile component. Avoid applying excessive force during handling and installation.
- **Flex Cable Integrity:** Ensure the LCD flex cable is not over-bent. Bending the cable beyond 90 degrees can cause permanent damage, resulting in a black display or other malfunctions.
- **Correct Model Verification:** Confirm that the purchased replacement part matches your tablet's model (Alcatel 1T 10 8082 or 8084, 10.1-inch).

## 3. WHAT'S INCLUDED IN THE PACKAGE

The package typically includes the following components and tools:

- 1x Capacitive Touch Screen Panel (LCD component)
- 1x Precision Screwdriver
- 1x Plastic Triangle Pry Tool

- 1x Suction Cup
- 1x Double-Sided Adhesive

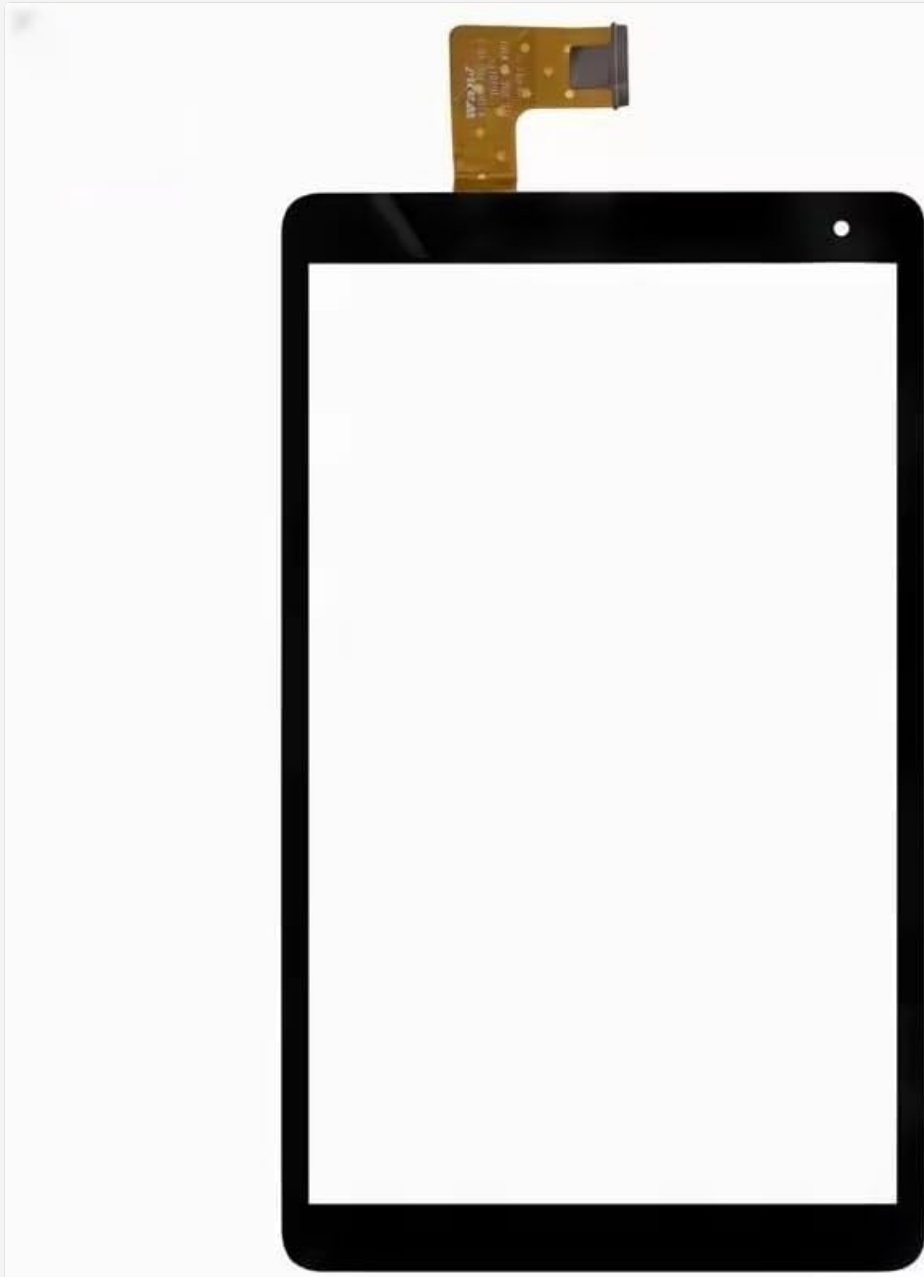


Image 1: The replacement capacitive touch screen panel for Alcatel 1T 10 8082/8084 tablets.

## 4. INSTALLATION GUIDE

Follow these steps carefully for the installation of your new touch screen panel.

1. **Power Off Device:** Completely power off your Alcatel 1T 10 tablet before beginning any disassembly.
2. **Disassemble Tablet:** Using the provided tools (precision screwdriver, plastic pry tool, suction cup), carefully open the tablet casing and disconnect the old touch screen panel. Refer to specific disassembly guides for your tablet model if needed.
3. **Ground Yourself:** Wear an ESD strap or ensure you are properly grounded to prevent static discharge.
4. **Connect New Screen for Testing:** Without fully installing, connect the flex cable of the new touch screen panel to the corresponding connector on the tablet's motherboard. Do not remove any protective films or adhesives at this stage.
5. **Power On and Test:** Briefly power on the tablet to test the functionality of the new touch screen. Check for touch

responsiveness, display clarity, and any dead pixels or anomalies.

6. **Power Off After Test:** If the test is successful, power off the tablet again.
7. **Prepare for Final Installation:** Carefully remove any remaining protective films from the new screen. Apply the double-sided adhesive to the designated areas on the tablet frame, ensuring a secure fit.
8. **Install New Screen:** Align the new touch screen panel precisely with the tablet frame and gently press it into place, ensuring the flex cable is properly routed and not bent excessively.
9. **Reassemble Tablet:** Carefully reassemble the tablet casing, ensuring all screws and clips are securely fastened.
10. **Final Power On:** Power on the tablet and perform a final check of the touch screen functionality.



Image 2: Visual comparison of the touch screen panel, confirming compatibility with Alcatel 1T 10 2018 models (8082, 8084).



Image 3: Detailed view of the flex cable connector, showing part numbers WJ1857-FPC V6.0 and TG101T-TCL, crucial for verifying compatibility.

## 5. OPERATING THE TOUCH SCREEN

Once installed, the new capacitive touch screen panel operates identically to the original. Use standard touch gestures for navigation and interaction with your tablet's operating system.

- **Single Tap:** Select items or activate functions.
- **Double Tap:** Zoom in/out or activate specific application features.
- **Swipe:** Navigate through menus, scroll content, or switch screens.
- **Pinch-to-Zoom:** Adjust the magnification of images or web pages.

## 6. MAINTENANCE AND CARE

To ensure the longevity and optimal performance of your new touch screen:

- **Cleaning:** Use a soft, lint-free cloth slightly dampened with water or a screen-specific cleaning solution. Avoid harsh chemicals or abrasive materials.
- **Protection:** Consider using a screen protector to guard against scratches and minor impacts.
- **Avoid Pressure:** Do not place heavy objects on the tablet or apply excessive pressure to the screen.
- **Temperature:** Avoid exposing the tablet to extreme temperatures, which can affect screen performance and lifespan.

## 7. TROUBLESHOOTING COMMON ISSUES

If you encounter issues after installation, consider the following:

- **Screen Not Responding to Touch:**

- Ensure the flex cable is securely connected to the motherboard.
- Check for any damage to the flex cable (e.g., bends, tears).
- Perform a hard reset of the tablet.

- **Black Screen / No Display:**

- Verify all internal connections are firm.
- Check the flex cable for any severe bends (over 90 degrees) or damage.
- Ensure the tablet battery has sufficient charge.

- **Ghost Touches / Erratic Behavior:**

- Ensure no debris or moisture is trapped under the screen.
- Recheck flex cable connection.
- Consider if static electricity was properly discharged during installation.

If problems persist, it is recommended to consult a professional repair service or contact customer support.

## 8. PRODUCT SPECIFICATIONS

<b>Component Type</b>	Capacitive Touch Screen Panel
<b>Compatibility</b>	Alcatel 1T 10 (Models 8082, 8084, 10.1-inch)
<b>Part Numbers</b>	WJ1857-FPC V6.0, TG101T-TCL U3A 10WIFI
<b>Color</b>	Black (only touch screen)
<b>Package Dimensions</b>	9.84 x 4.72 x 3.94 inches
<b>Item Weight</b>	3.53 ounces
<b>Manufacturer</b>	Generic

## 9. SUPPORT AND WARRANTY INFORMATION

For any questions regarding this product or its installation, please contact the seller directly. They are committed to resolving any issues quickly and effectively.

- **Customer Support:** If you have questions or require assistance, please contact the merchant first.
- **Warranty:** Specific warranty details are typically provided by the seller at the time of purchase. Please refer to your purchase documentation or contact the seller for warranty claims.
- **Product Verification:** All items are strictly checked before shipment to ensure good condition and normal functionality.

