

GA2D5P006

GIONEE M3 SUB PCB GA2D5P006 Instruction Manual

Model: GA2D5P006

PRODUCT OVERVIEW

This document provides instructions for the GIONEE M3 SUB PCB, also known as the USB Charging Port or Charging Board Dock Connector Charging Flex Cable, compatible with the Gionee M3 smartphone. This component is a high-quality spare part designed for replacement purposes, restoring charging and data transfer functionalities to your device.

INSTALLATION GUIDE

Warning: Installation of this component requires technical expertise and specialized tools. Improper installation can damage your device. It is recommended to seek professional assistance if you are not experienced with smartphone repairs.

Required Tools:

- Small Phillips head screwdriver
- Plastic spudger or opening picks
- Tweezers (optional)
- Heat gun or hairdryer (for adhesive removal, if applicable)
- Anti-static wrist strap (recommended)

Installation Steps:

1. **Power Off Device:** Ensure the Gionee M3 smartphone is completely powered off before beginning any repair work.
2. **Remove SIM Tray:** Eject the SIM card tray from the side of the phone.
3. **Open Back Cover:** Carefully use a plastic spudger to pry open the back cover of the Gionee M3. Start from a corner and work your way around the edges.
4. **Disconnect Battery:** Locate the battery connector on the motherboard and carefully disconnect it to prevent accidental short circuits during the repair.
5. **Locate and Remove Old PCB:** Identify the existing USB charging port PCB. It is typically located at the bottom of the phone. Unscrew any retaining screws and gently disconnect any flex cables attached to it.
- 6.

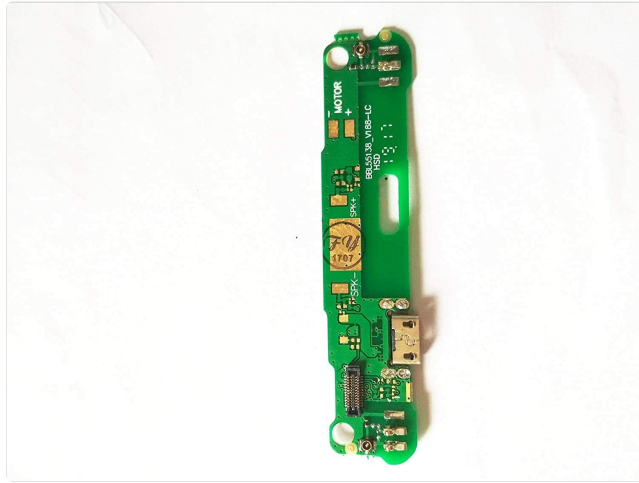


Figure 1: Top view of the GIONEE M3 SUB PCB. This image displays the component layout, including the USB charging port, microphone, and the connector for the main flex cable.

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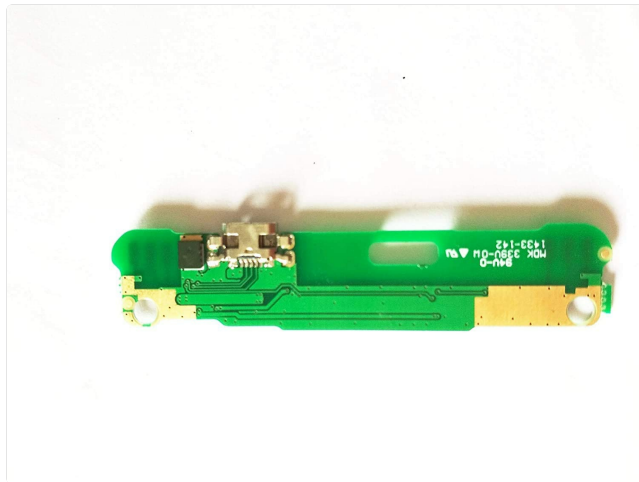


Figure 2: Bottom view of the GIONEE M3 SUB PCB. This perspective shows the solder points and the underside of the USB charging port, crucial for proper alignment and connection.

8. **Install New PCB:** Carefully align the new GIONEE M3 SUB PCB into its designated slot. Reconnect any flex cables and secure it with the screws removed earlier. Ensure all connections are firm and correctly seated.
9. **Reconnect Battery:** Reconnect the battery connector to the motherboard.
10. **Reassemble Device:** Carefully reattach the back cover, ensuring all clips snap into place. Reinsert the SIM tray.
11. **Test Functionality:** Power on the Gionee M3 and test the charging functionality by connecting a USB cable. Verify that the phone charges correctly and that data transfer (if applicable) works.

OPERATION

Once the GIONEE M3 SUB PCB is correctly installed, its operation is integrated into the standard functionality of your Gionee M3 smartphone.

Charging:

To charge your device, connect a compatible USB charging cable to the USB port on the bottom of your Gionee M3. Connect the other end of the cable to a power adapter or a computer's USB port. The phone should indicate that it is

charging.

Data Transfer:

To transfer data, connect your Gionee M3 to a computer using a compatible USB data cable. Your phone should prompt you to select a USB connection mode (e.g., File Transfer, Photo Transfer, Charge Only).

MAINTENANCE AND CARE

To ensure the longevity and proper functioning of your GIONEE M3 SUB PCB and your device:

- **Cleaning:** As per product care instructions, wipe the component with a dry cloth only. Do not use wet cloths or liquid cleaners.
- **Port Protection:** Avoid inserting foreign objects into the USB charging port.
- **Cable Handling:** Always insert and remove USB cables gently. Avoid forcing cables into the port or pulling them out at an angle, which can damage the connector.
- **Environmental Conditions:** Keep your device away from excessive moisture, dust, and extreme temperatures.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Phone not charging after PCB replacement.	Loose flex cable connection, faulty charging adapter/cable, battery issue, or incorrect installation.	Ensure all flex cables are securely connected. Test with a different charging adapter and cable. Verify battery health. Re-check installation steps carefully.
USB data transfer not working.	Incorrect USB mode selected on phone, faulty data cable, or driver issues on computer.	Check phone's USB connection settings. Try a different USB data cable. Ensure computer has necessary drivers installed.
Charging is intermittent.	Loose connection at the port, damaged cable, or debris in the port.	Gently clean the USB port with a non-conductive tool (e.g., toothpick). Try a different cable. Re-check internal connections if comfortable.

SPECIFICATIONS

- **Product Type:** USB Charging Port / Charging Board Dock Connector Flex Cable
- **Compatibility:** Gionee M3
- **Model Number:** GA2D5P006
- **Brand:** Generic
- **Country of Origin:** China
- **Product Care Instructions:** Wipe with Dry Cloth
- **Is Dishwasher Safe:** No

WARRANTY AND SUPPORT

This product is a replacement part. Please refer to the seller or original manufacturer for specific warranty information regarding this component. For technical support related to the installation or functionality of this part, it is recommended to consult with a qualified mobile phone repair technician.