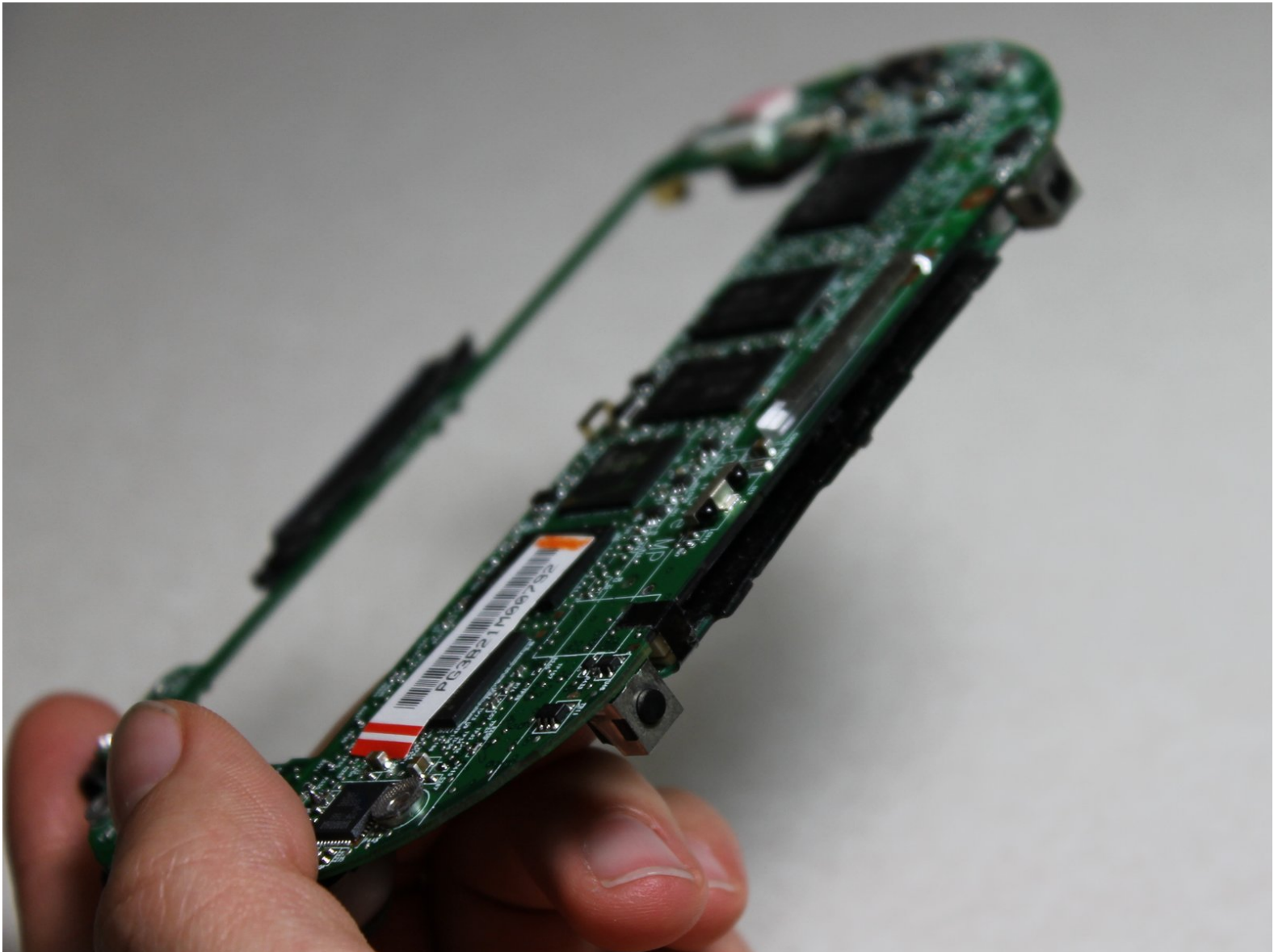




# Tapwave T2907US Zodiac 2 Shoulder Button Replacement

Installing new shoulder buttons in place of broken ones.

Written By: Daniel Wiseman



# INTRODUCTION

Use this repair guide when the shoulder buttons need to be replaced.



## TOOLS:

- [Tweezers](#) (1)
  - [Phillips #00 Screwdriver](#) (1)
  - [Soldering Workstation](#) (1)
  - [Spudger](#) (1)
  - [T5 Torx Screwdriver](#) (1)
-

## Step 1 — Back Cover



- Remove the four Torx T5 screws from the back panel.

## Step 2



- Wedge a spudger in between the front and back panel.
- Apply leverage downwards to the spudger in order to remove the back panel.

## Step 3 — Battery



- Slide the battery out from under the brown wire-tape.
- Be careful of the wires still connected to the other end of the battery. Do not pull or damage may occur.

## Step 4



- Slowly pull the white plug from its receptor. Grasp its sides firmly with a pair of tweezers and gently wiggle from side to side.



## Step 5 — Motherboard



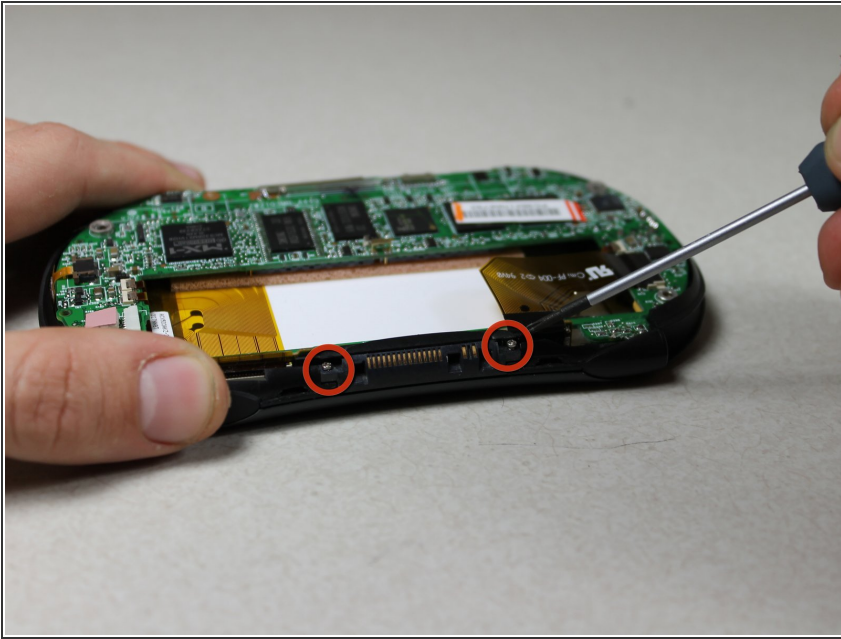
- Unscrew the 2 Philips #00 screws on each end of the motherboard.

## Step 6



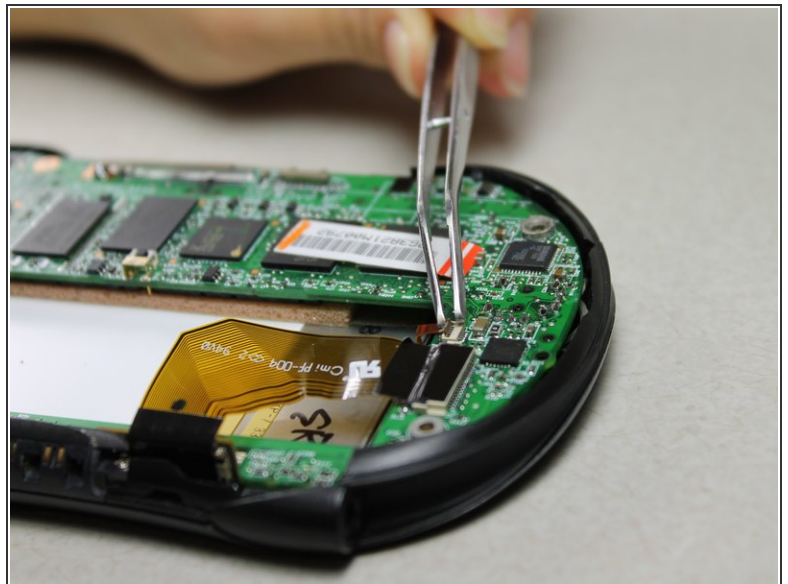
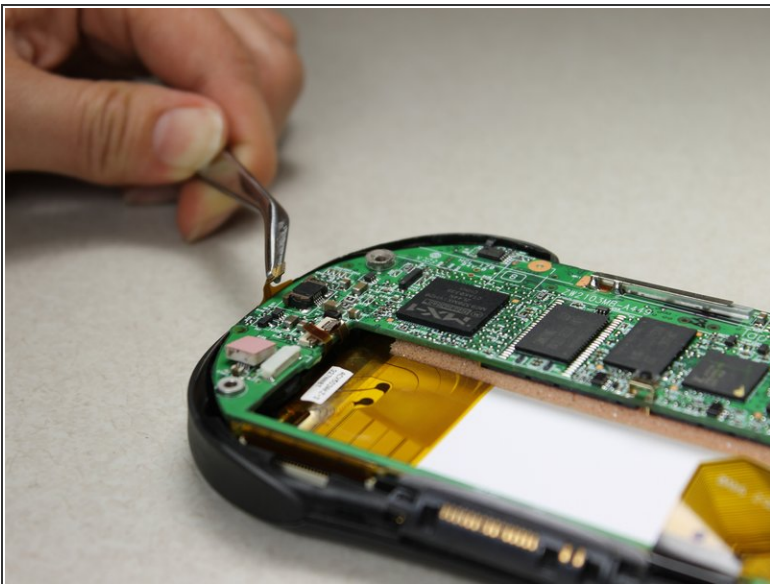
- Pull off the black memory card slot piece with tweezers.

## Step 7



- Unscrew the 2 Philips #00 screws on each side of the charging port.

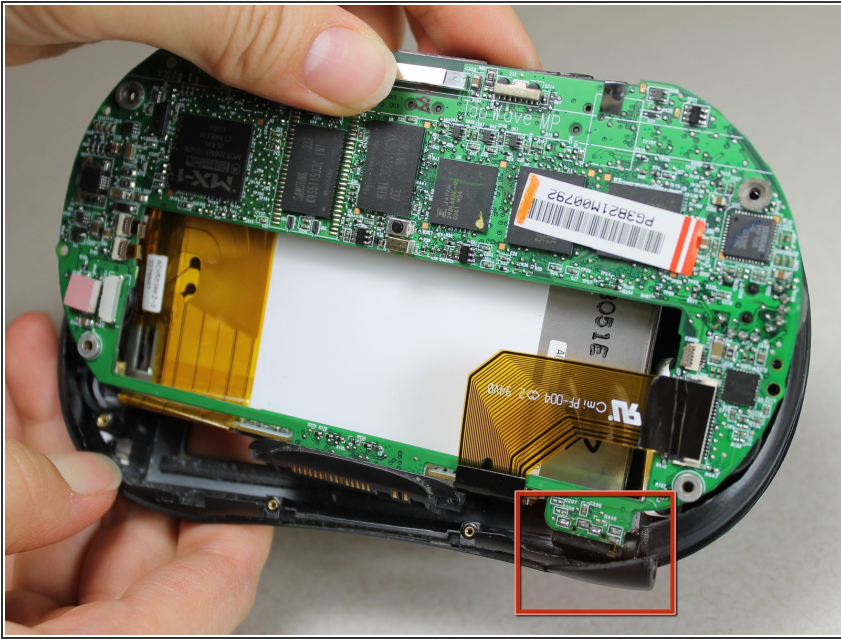
## Step 8



- Disconnect 2 brown wire-tape ends from each end of the motherboard. Gently pull straight out with tweezers.

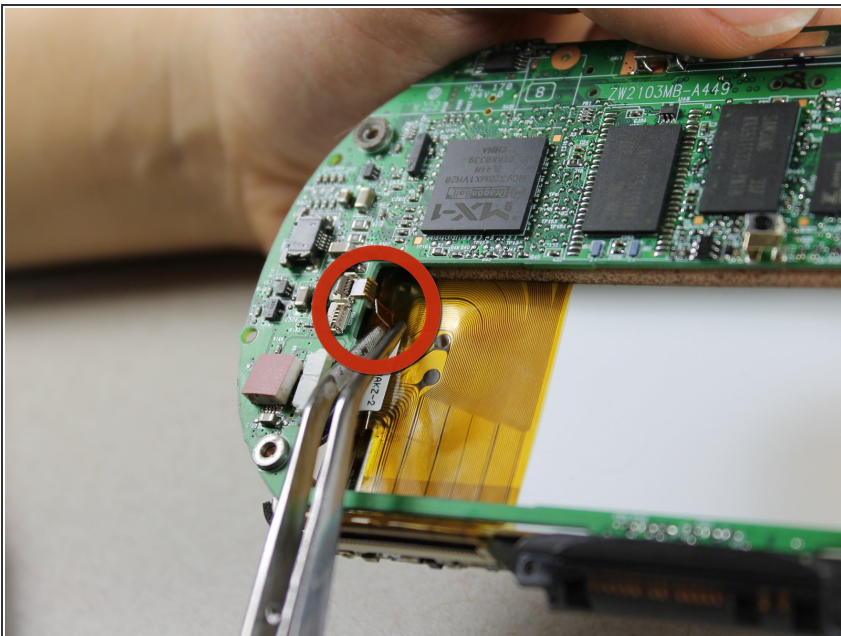


## Step 9



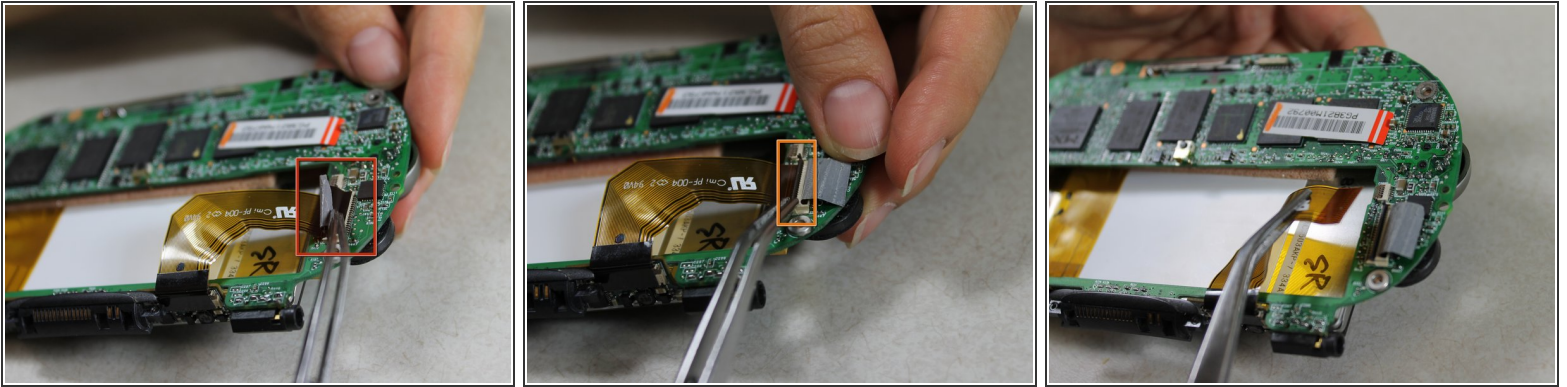
- Pull the motherboard and screen component diagonally up and left away from the auxiliary port entrance to remove.
- ⓘ Glue connecting the auxiliary port to the casing may make it difficult to remove. Gently apply force as needed.

## Step 10



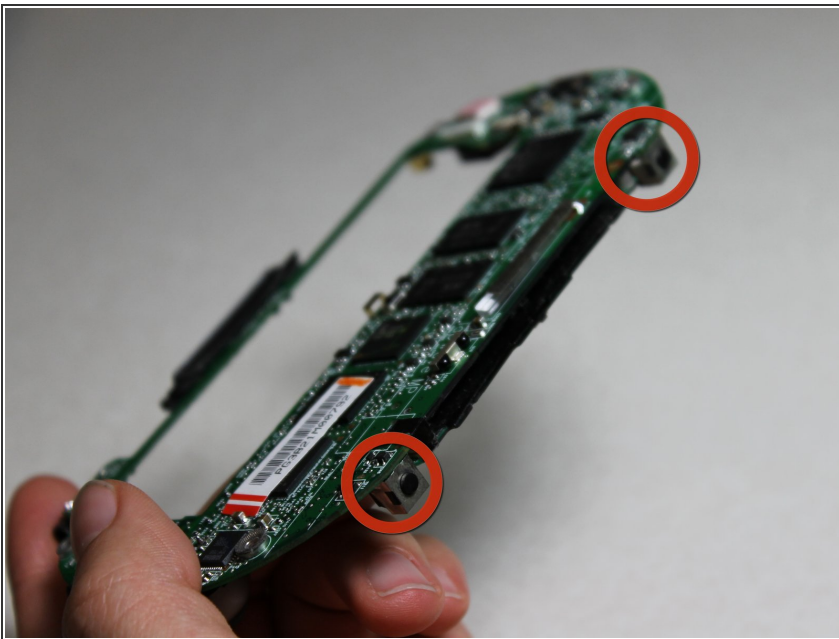
- Disconnect the 2 brown wire-tape ends from the left side of the battery slot on the motherboard using tweezers.

## Step 11



- Disconnect the large brown wire-tape from the motherboard.
- Peel the black tape back from the wire-tape using tweezers.
- Lift the black, hinged, plastic lock with tweezers to release the wire-tape.
- The screen and motherboard components can now be separated from each other.

## Step 12 — Shoulder Button



- Carefully remove the solder between the shoulder buttons and the motherboard with the soldering sucker.
- ⚠ Try to avoid contact between the solder sucker and other components surrounding the shoulder buttons.
- ⓘ For more information on desoldering, look at this [soldering/desoldering guide](#).

To reassemble your device, follow these instructions in reverse order.