



# Nintendo 3DS IR Board Replacement

IR board replacement.

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## INTRODUCTION

Having trouble with your 3DS' IR port? A new IR board could help.

### TOOLS:

- [iFixit Opening Tools](#) (1)
- [Spudger](#) (1)
- [Phillips #00 Screwdriver](#) (1)

## Step 1 — Back Cover



- Unscrew the four Phillips #00 screws along the top of the back cover.
- (i)* The screws are held in place by locking washers, and will not come out of the back cover.
- !* The comments section is full of unlucky souls who will tell you that the screws here through step 4 will strip incredibly easily. Press down fairly hard, and go slow.

## Step 2



*(i)* Hold the device in one hand and turn it over.

- Grab the top edge of the back cover with your opposite hand so that the cover does not fall back into place.

*(i)* Flip the 3DS over again so that the back cover is facing up.

- Pull the back cover up and away from the rest of the device to remove it.

## Step 3 — Battery



- Insert a plastic opening tool into the notch in the lower case above the battery.
- Pry the battery up with the plastic opening tool.
- Grab the top edge of the battery and lift it out of the lower case.

## Step 4 — Lower Case



- Remove the nine 6.3 mm black Phillips screws from the lower case.
- Remove the 2.4 mm silver Phillips screw above the game cartridge slot.

## Step 5



- Lift the bottom edge of the lower case off the rest of the 3DS.

! There are still two ribbon cables connecting the mother board to the case, so be sure not to pull the lower case all the way off.

- Use a plastic opening tool to pry the shoulder button ribbon cables off their sockets on the motherboard.
- Remove the lower case from the device.

## Step 6 — IR Board



- Use the flat end of a spudger to lightly pry the IR board off the motherboard.
- Grab the edges of the IR board with two fingers and lift it from the motherboard.

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

