



Panasonic Viera - HDMI Input Board Replacement

Replacement of HDMI input board on a Panasonic Viera Plasma TV. The this board's part number is TXN/A1QWUUS Panasonic A (TNPH0988UE) and the specific model number of the of the TV is TC-P55VT50.

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INTRODUCTION

This guide walks through the processes of replacing the board that processes the HDMI inputs on a 2012 Panasonic Viera Plasma TV (55 inch model). If you have ever added memory or swapped a hard drive on a computer it should be similar.

I could not find a replacement part in stock anywhere online as it is no longer manufactured. However, it is possible to send your broken board away by mail to have it fixed. Mine stopped working after a thunderstorm apparently caused an electrical surge.

If you choose to do this keep in mind that you will be unable to use your TV while waiting for the board to come back. The fee for sending the board away for repair was about \$95 and took about two weeks.

TOOLS:

- Phillips #00 Screwdriver (1)

PARTS:

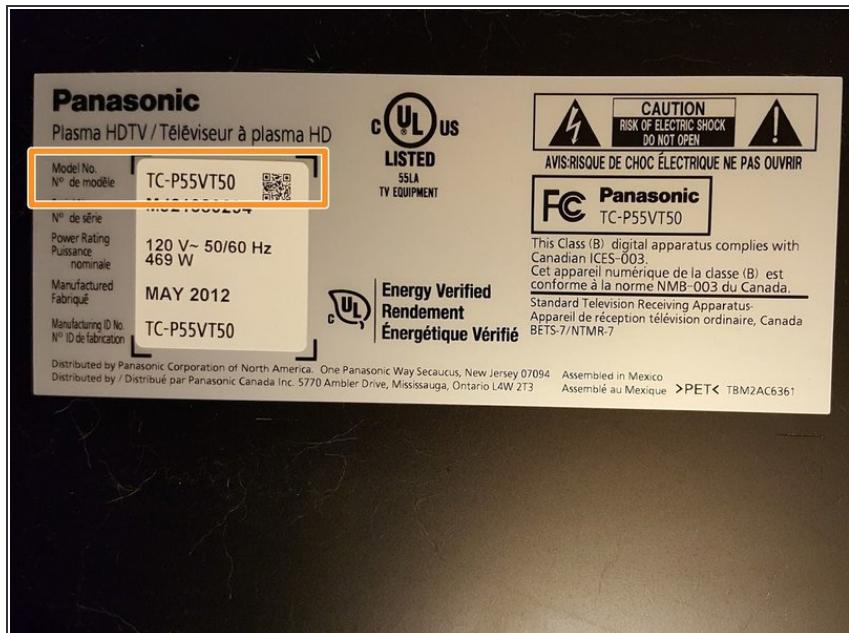
- TXN/A1QWUUS Panasonic A (TNPH0988UE) (1)

Step 1 — Remove TV From Stand



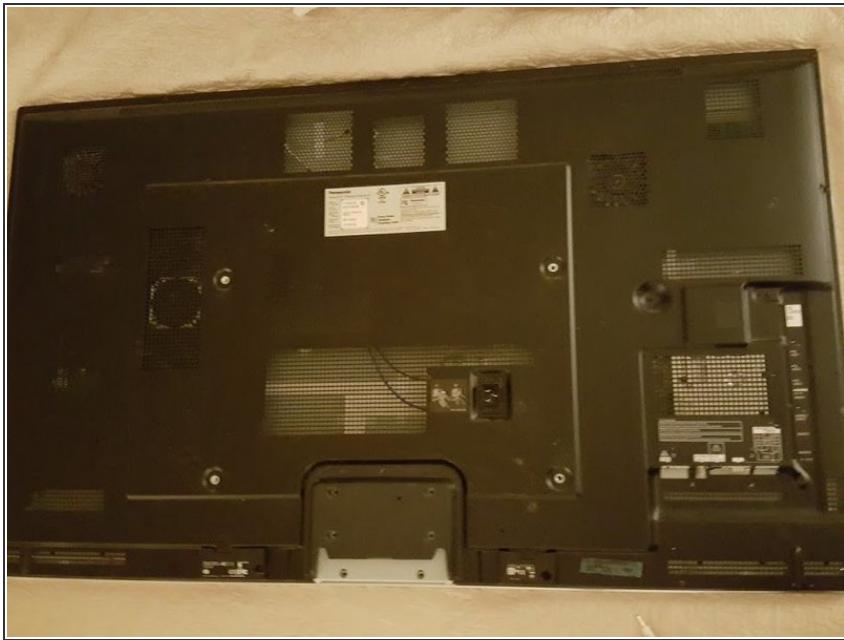
- Remove the TV from the stand and place glass down on a flat, soft, and clean surface where you will have easy access to all four sides of it.

Step 2 — Check/Confirm Model Number



- The model number of your TV is located on the back panel.
- This guide was written specifically for a TC-P55VT50 (55 Inch Panasonic Viera Plasma TV) model year 2012.
- Other Panasonic Viera's may be similar - but I make no promises!

Step 3 — Prepare TV for Surgery



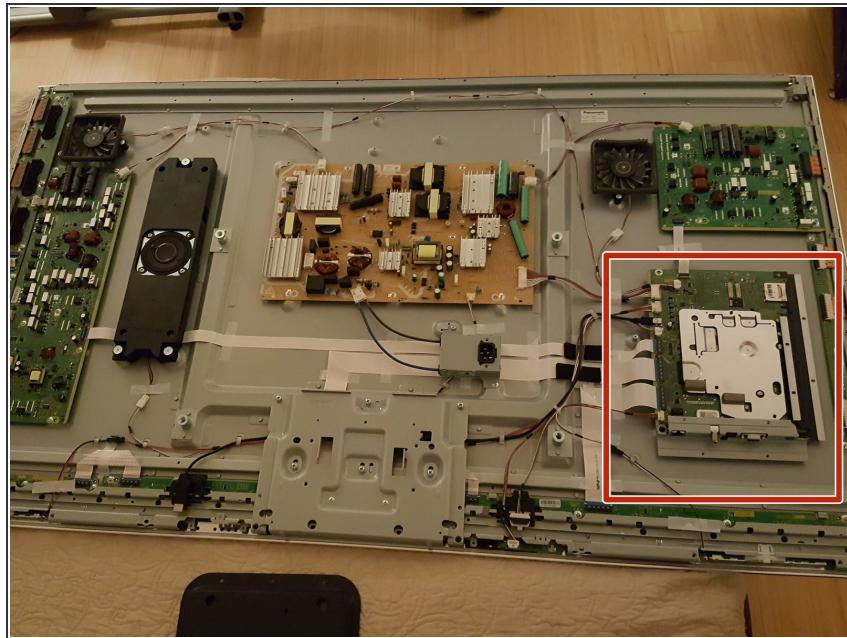
- Remove the power cord and place the TV screen down on a soft surface, like a blanket.

Step 4 — Remove back of TV



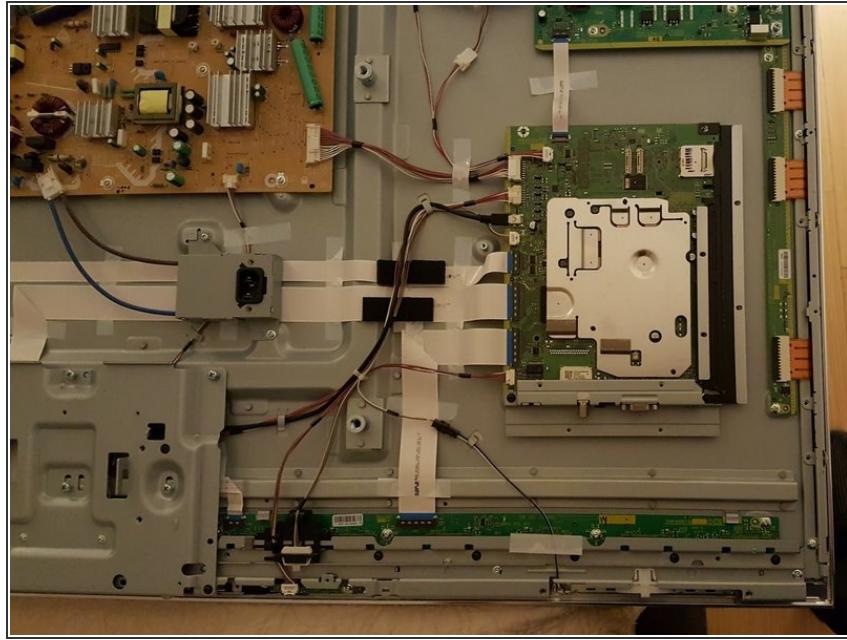
- The back of the TV is held in place by many small Phillips head screws. Most of these are around the edges but there are also some by the power input and media inputs. Make sure to keep these screws in a safe place!
- Per Dave Watson's comment, as you remove all of the screws in the back that at the bottom of the TV, there are two components that you have to unscrew and remove: the WIFI and blue tooth modules. The blue tooth module has a clip at the top that must be pushed down so you can remove it. The WIFI pops right off.

Step 5 — View of the TV with back cover removed



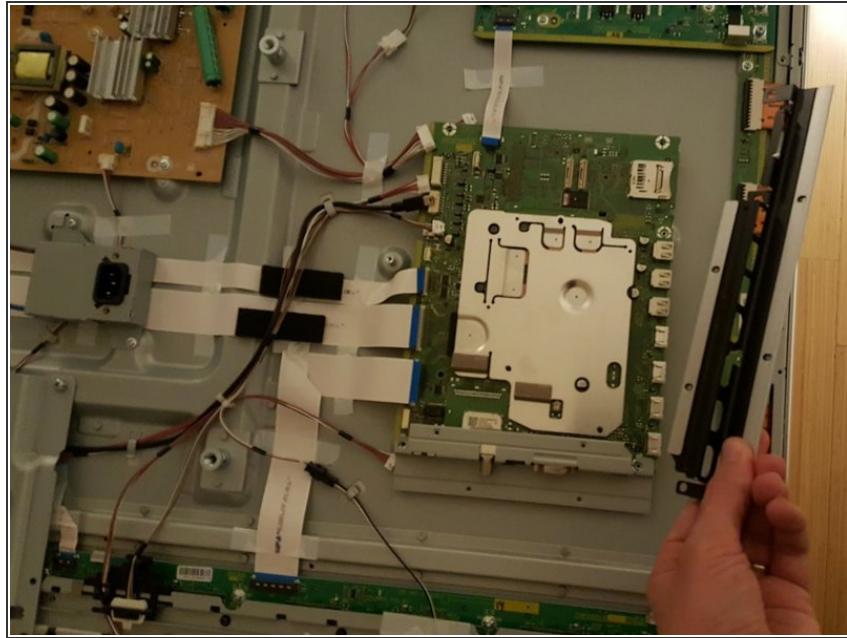
- With the back cover removed we can see that everything is spread out. Be careful of the copper coils in the middle as these are part of the TV's power supply.
- The board we want to replace is located in the lower right - see red box in image.

Step 6 — Disconnect cables and ribbons from board



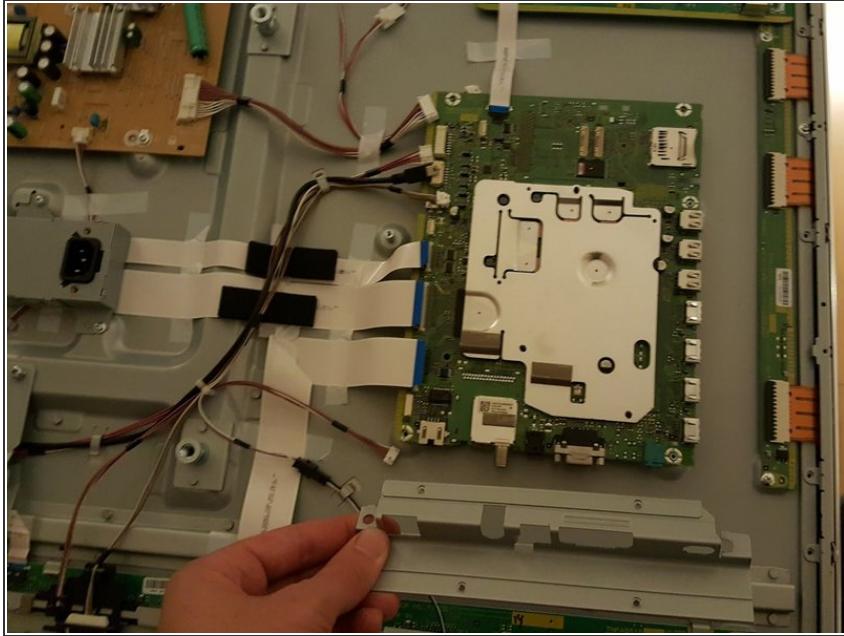
- To remove the board, we first need to remove all the various connectors to it. Note that ribbon cables are a little tricky with the connector folding down onto the ribbon.

Step 7 — Remove first mounting bracket



- Remove the first mounting bracket - note that it overlays the bottom bracket, the order that these are removed is important.

Step 8 — Remove second/lower mounting bracket



- Remove the second mounting bracket on the lower side of the TV.

Step 9 — Remove the board!



- Note that there is a small amount of soft silicone under the board so you may have to wiggle it loose.

Step 10 — Mission accomplished - extra credit - clean the fans



- Now that you have liberated the HDMI input board you can send it away for repairs.
- While you have the cover off your TV - consider cleaning the two fans as mine were dusty and starting to make some noise.

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