

# RattleByte Multi Region Upgrade Board

## Panasonic DMP-BDT170/171/174/175 DMP-BDT270/271 DMP-BDT370/371/373/374/375

### Fitting Instructions

## Preparation

In order to fit this upgrade board, you will require the following:

- ✓ A soldering iron with a fine tip
- ✓ Solder and flux
- ✓ Double-sided tape (included)
- ✓ Thin jumper wire (included)
- ✓ Philips screwdriver
- ✓ USB stick
- ✓ Firmware files (provided)

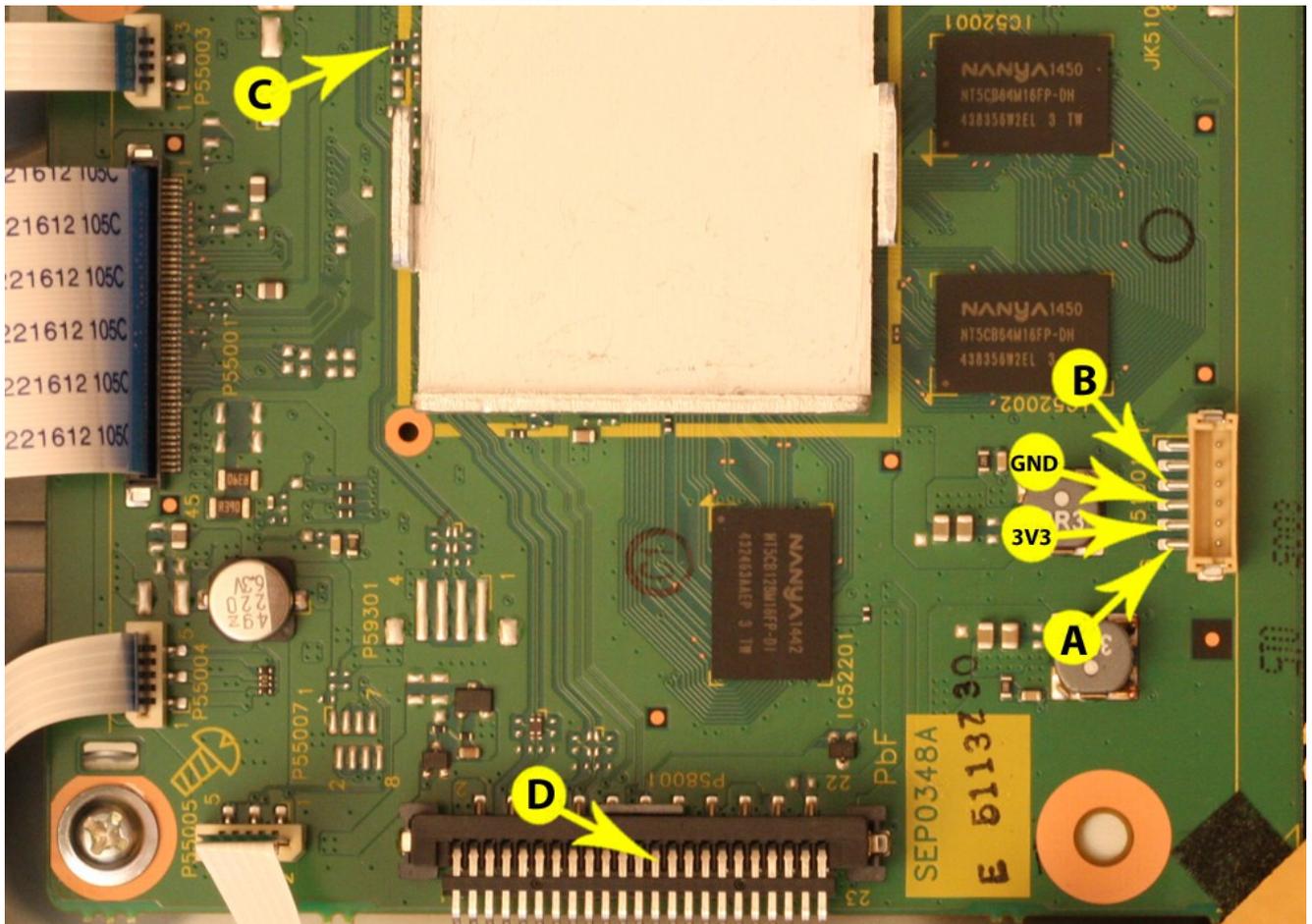
**Warning: Fitting this modification to your Blu-Ray disc player will invalidate the manufacturer's warranty!**

**The fitting of this multi region upgrade board requires advanced soldering skills. This modification is performed entirely at your own risk. We shall not be liable in the event of damage to your Blu-Ray disc player as a result of fitting or use of this modification.**

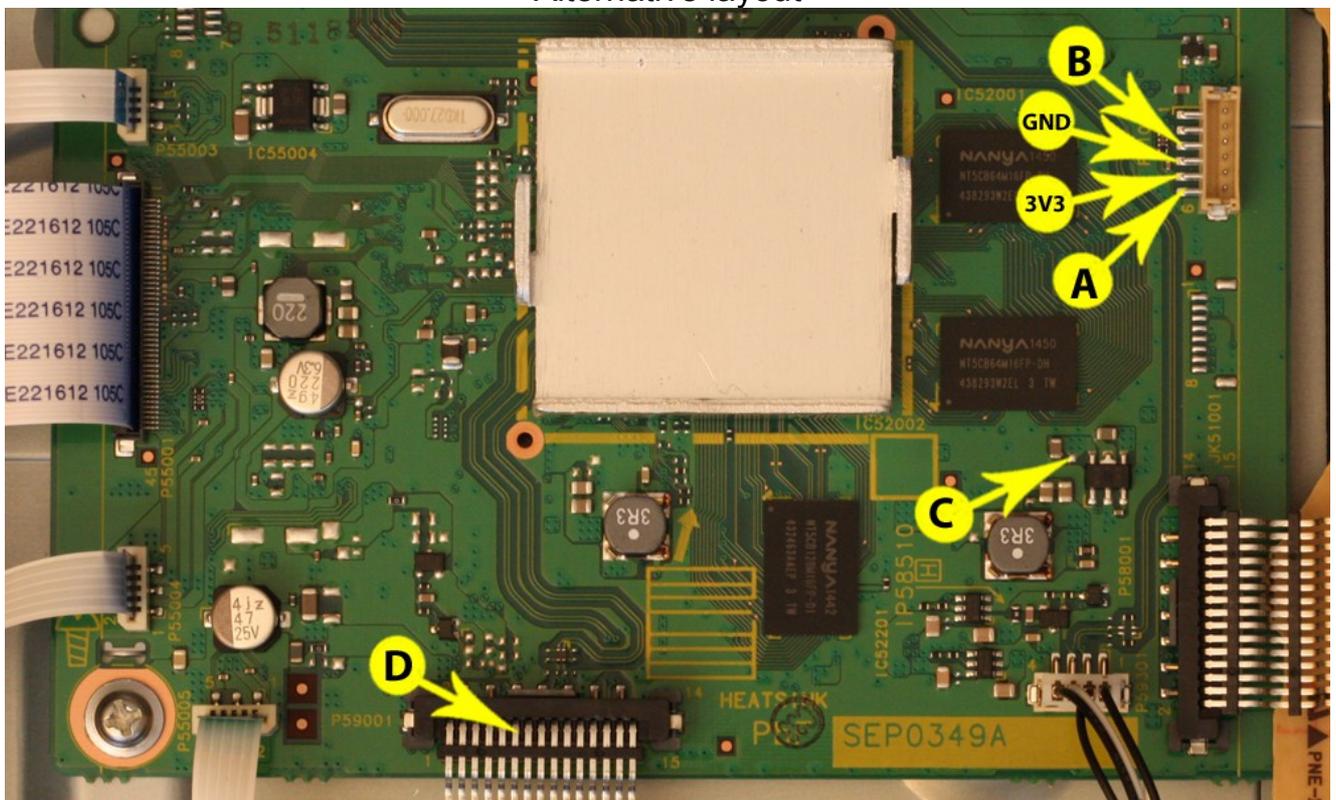
## Installing the Upgrade Board

- Disconnect the unit from the mains and remove the top cover
- Use the thin jumper wire to connect the pads 3V3, GND and A,B,C and D of the upgrade board with the corresponding solder points on the mainboard as shown
- Attach the upgrade board using the double sided tape at a suitable location
- Replace the top cover and update the firmware as described below

## Mainboard connections



## Alternative layout



## Updating the Firmware

For the multiregion modification to work, the firmware of your unit must first be updated. To update the firmware, proceed as follows:

1. Unpack the provided archive file to an empty FAT32 formatted USB stick
2. Insert the USB stick into the front USB slot while the player is on the Home Screen
3. The update process will start automatically

## Installing Future Firmware Updates

Once available, firmware updates can be installed as usual using the player's built-in firmware upgrade facility. Make sure the player is connected to the Internet, then navigate to Setup -> Player Settings -> System -> Firmware Update -> Update Now and start the update process.