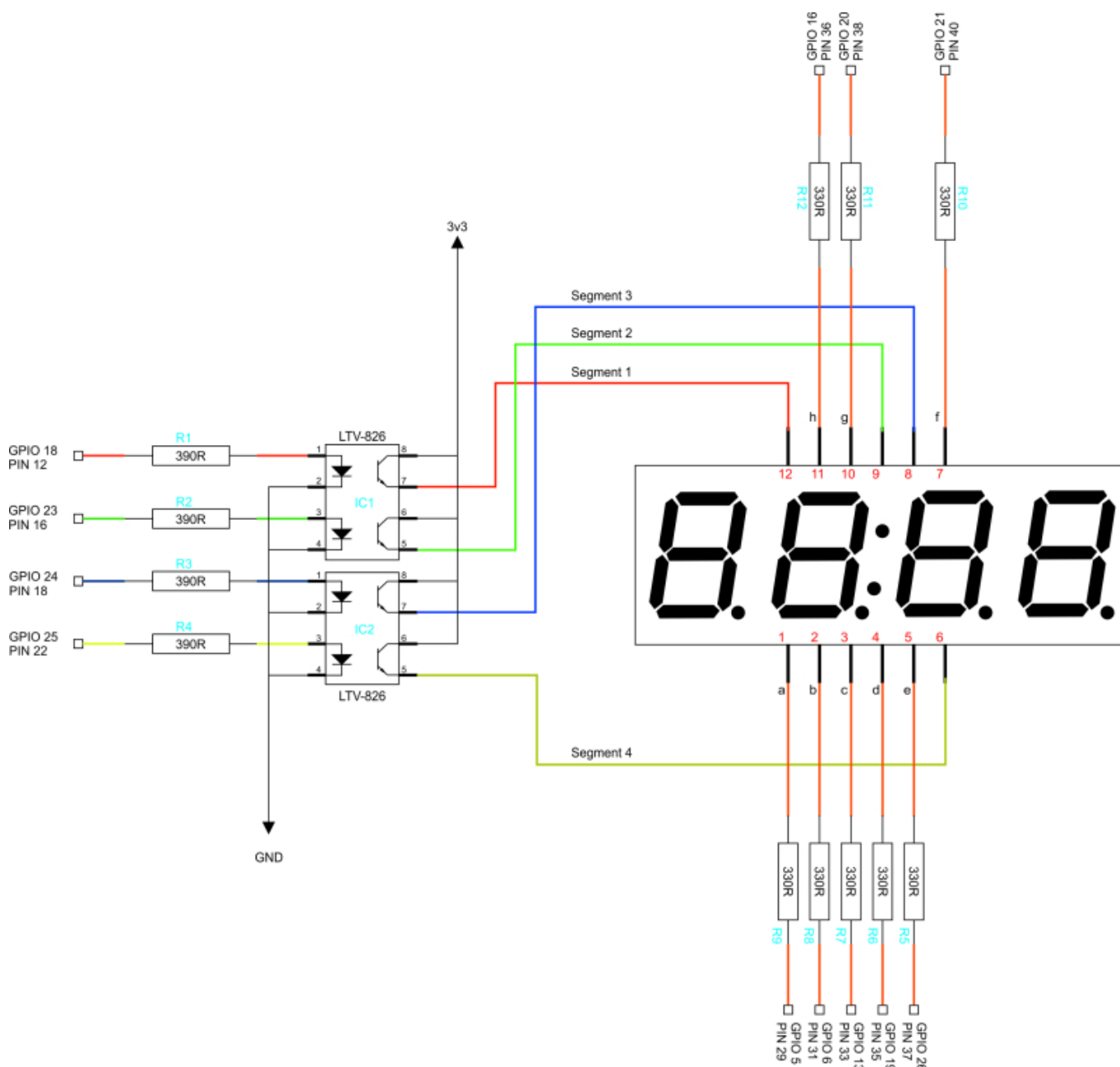


Mar 2017

Please also remember that this project only uses **3.3v**. So yes you do still power the Raspberry Pi with 5v, but circuit only uses the 3v3 pin on the Raspberry Pi, all resistor values reflect the fact that I am using 3v3.



PCB Layout

READ ME FIRST!!!! Before getting any PCBs made, please check the section at the end of this page called '**How to SAVE MONEY on your PCBs**'.

Here is what the PCB layout looks like (from the CAD drawings) I have not had any made yet, so this may be subject to change (I am writing this page Early March 2017).

Full PCB - All Layers

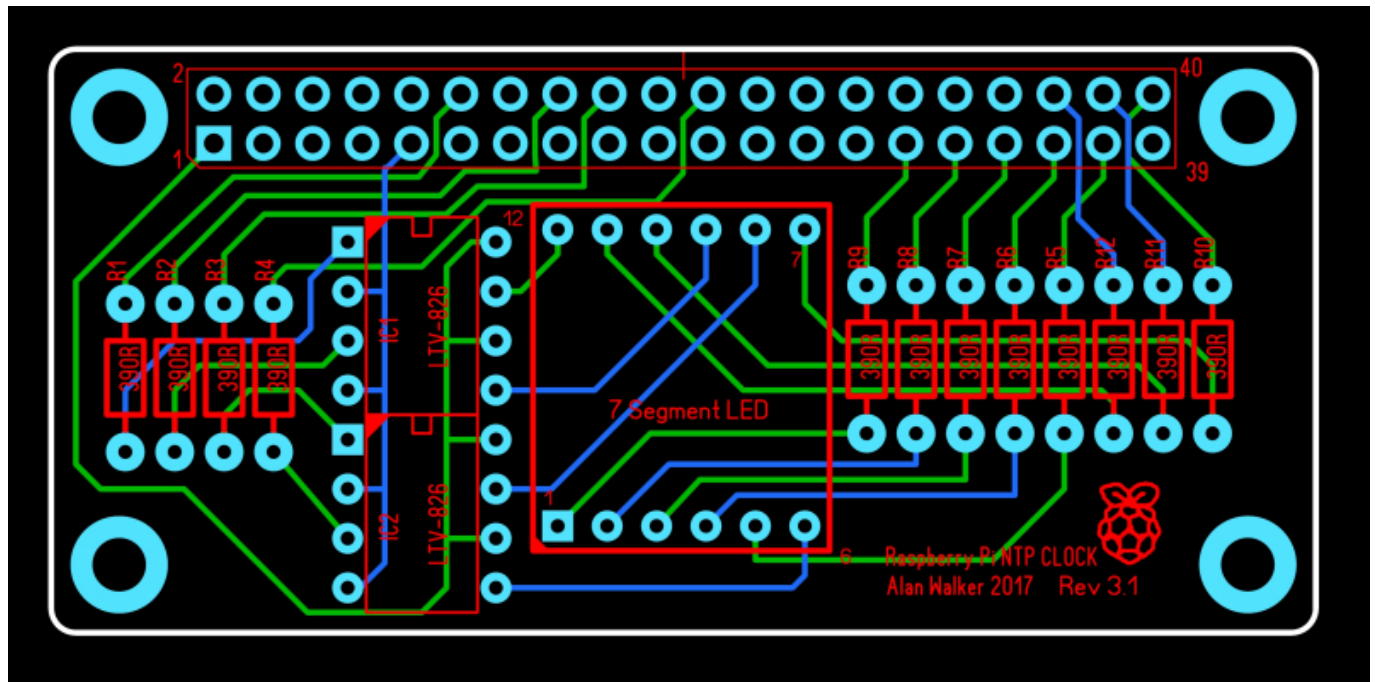
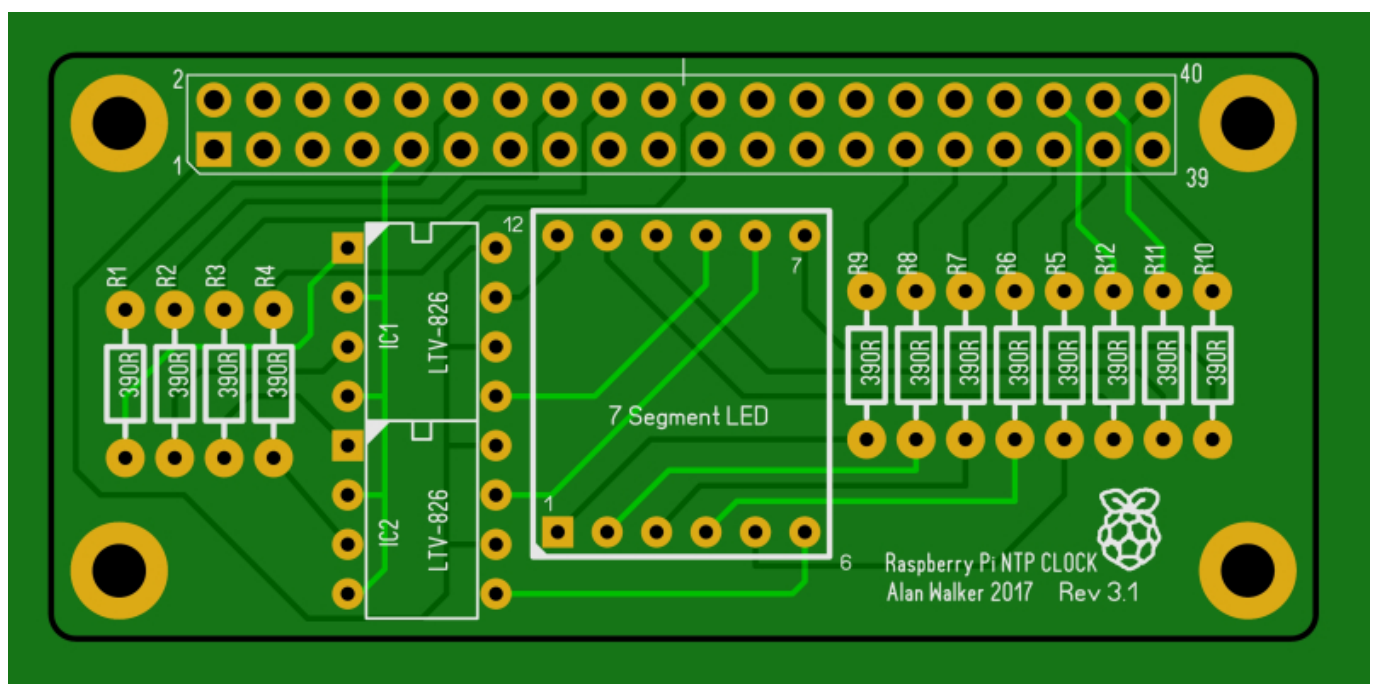
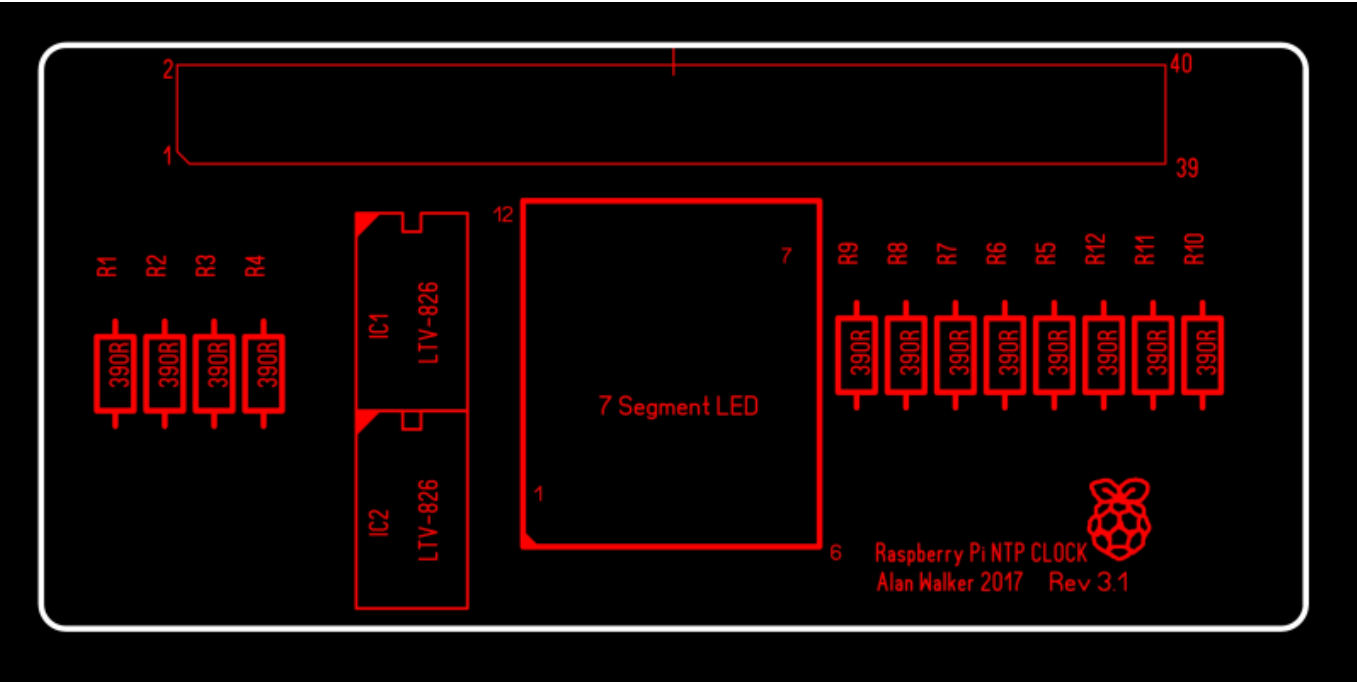


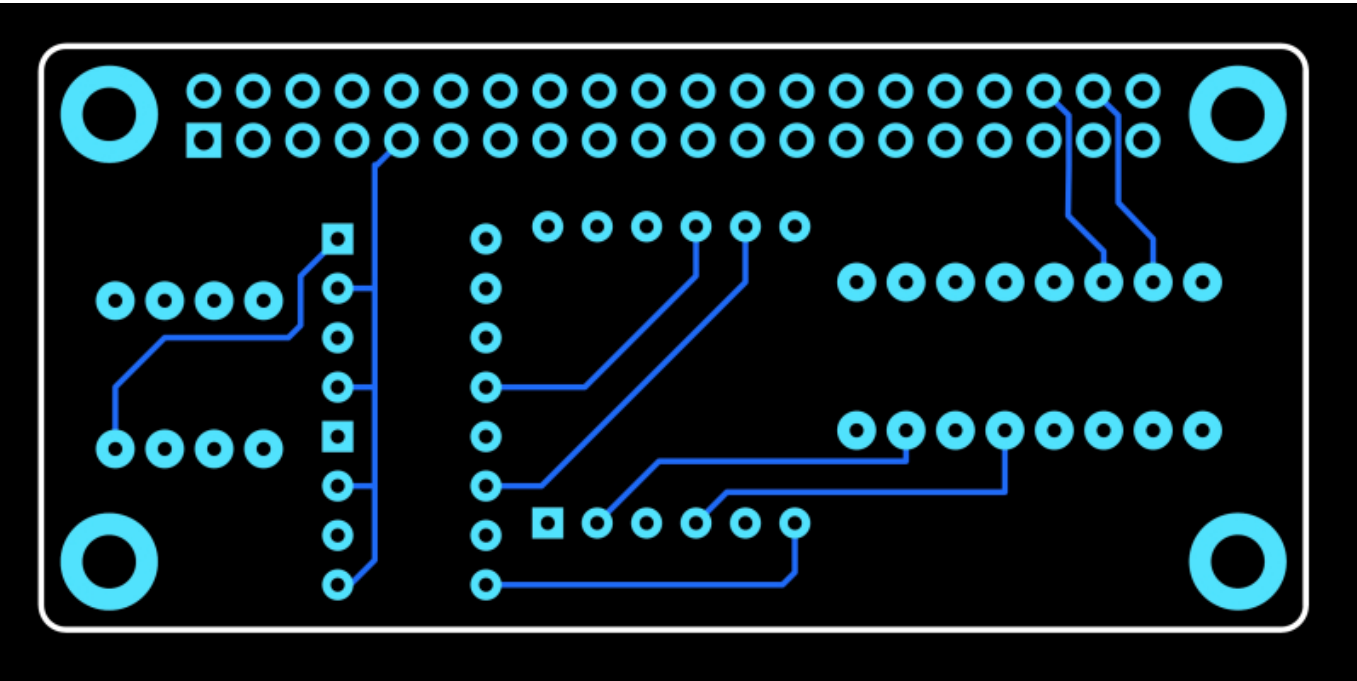
Photo View



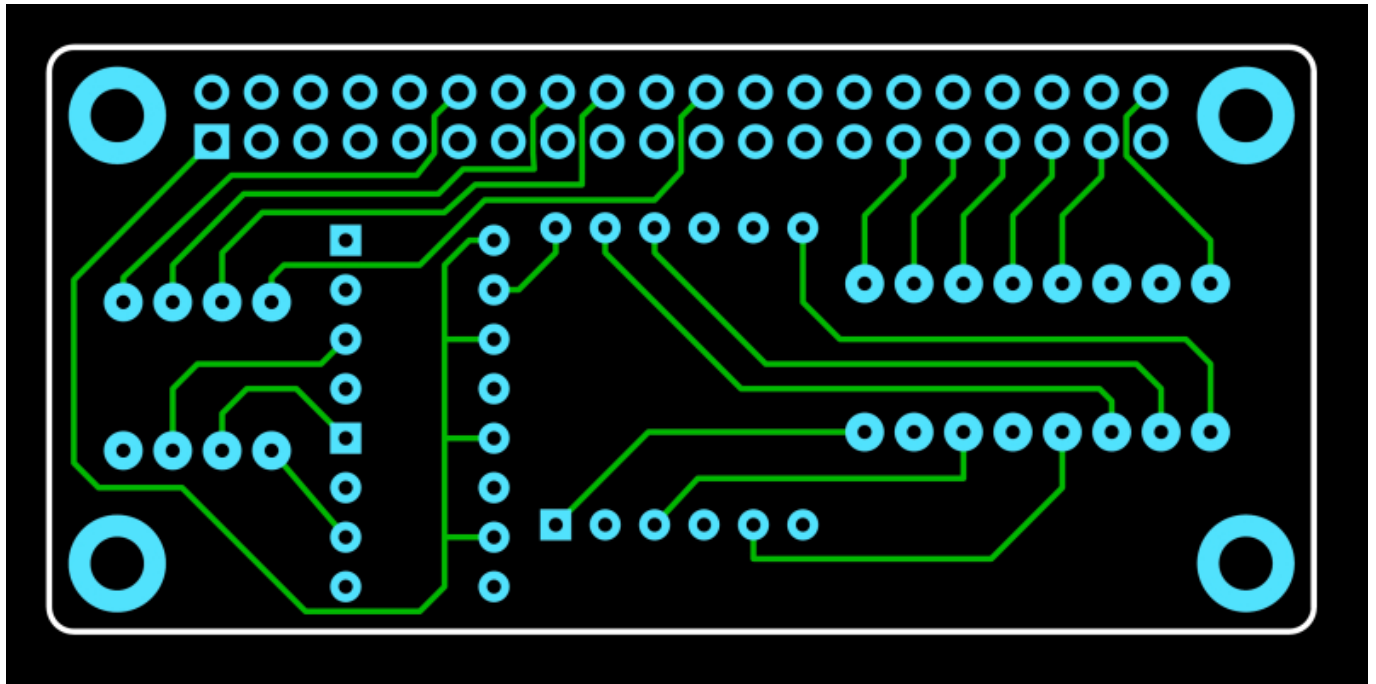
Top Layer Silkscreen



Top Layer Copper



Bottom Layer Copper



Outline Layer



If I have created this correctly, the PCB should be exactly the same size as the Raspberry Pi Zero (1, 1.3 and W) which is 65mm x 30mm (excluding edge connectors such as USB and HDMI) and the four corner holes should line up.

Gerber Files

If you wish to get your own PCBs made, you can use the attached Gerber files

[Here](#)

. However I have not had any made myself yet, so you might want to either wait, or create your own PCB.

PCB File

This is the PCB Layout file, produced in software called Sprint Layout v6.0 <http://www.abacom-online.de/uk/html/sprint-layout.html>. The PCB file can be downloaded

Here

On the Sprint Layout website, you can download a free 'Viewer' for the PCB file so you can print it out. Please check their website for this software ([Sprint Layout](#))

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