# Key words

LED, Resistor, PTM switch, Acrylic, M3X12, PCB, Drill, 2D design, Hand drawn picture, Final photo, Batteries, Lead,

Circuit wizard - circuit diagram, Circuit wizard – PCB, Countersunk, Screwdriver, Laser cutter, Oxidization, Wire wool, Solder, Copper track, 1mm twist drill bit, chuck, precision drill, delete tool, artwork, real world, component side, track side, dry joint, toggle tool, drawing tool, gallery, input, output, process, passive, current, polish, flat file, wet and dry paper, de-solder.

## Step 1. Cleaning

When I was given my Printed Circuit board (PCB) I cleaned the copper tracks with fine grade wire wool to remove the dirt (oxidization). This was so that when I soldered my components to it they would stick first time without the track lifting, as I have learnt that solder does not stick to a dirty track.

A labelled picture of the PCB goes here.

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