Etching PCB DIY

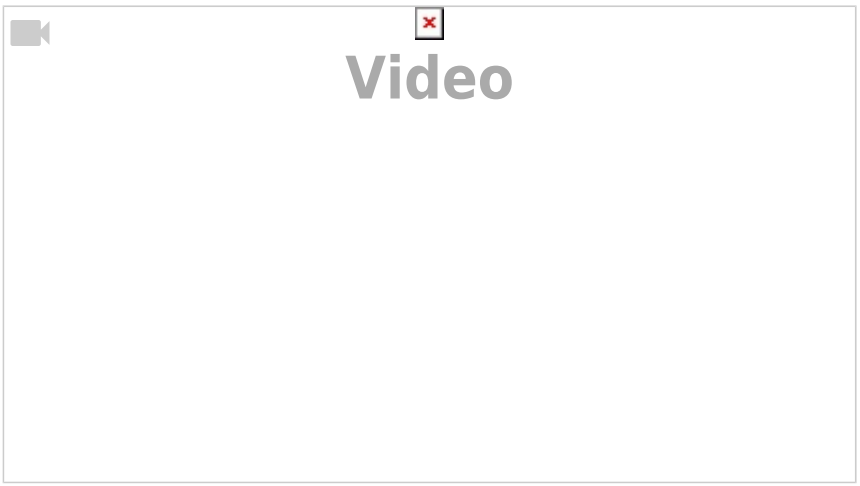
Before sending some PCB to get pro made (really the best time proof solution) it is useful to debug it by etching it yourself

Toner Transfer

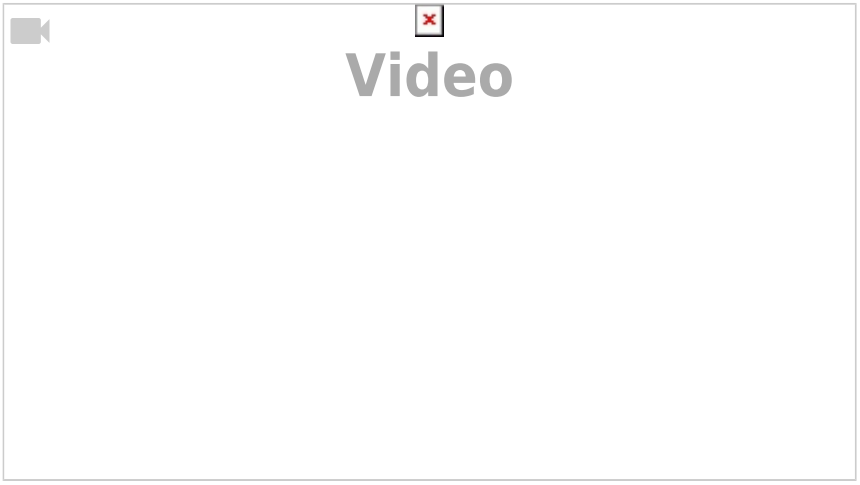
A Simple and costless method Flow to make proto PCB based upon **Laser Printed Negative** and **Laminator or Ironer**.

The laminator need a hack to increase heating temperature , but it's a more precise way ta make the transfer than ironer.

Simple side Transfer + Etching

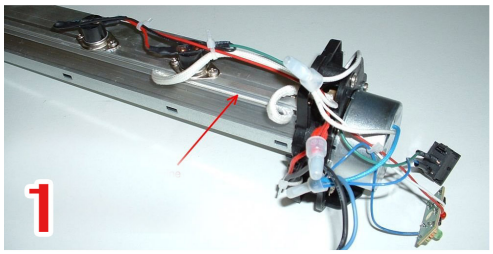


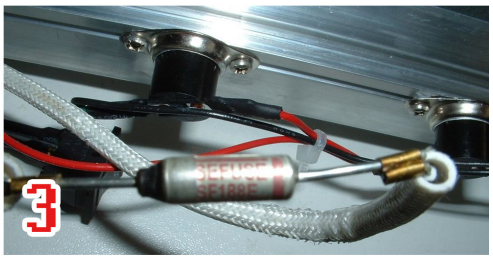
Double side Transfer + Etching

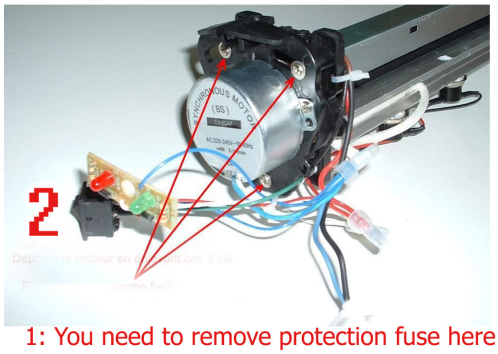


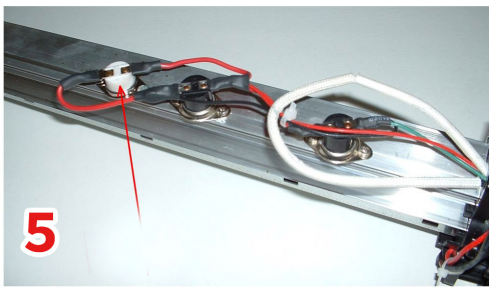
Laminator Transfer

Laminator hack







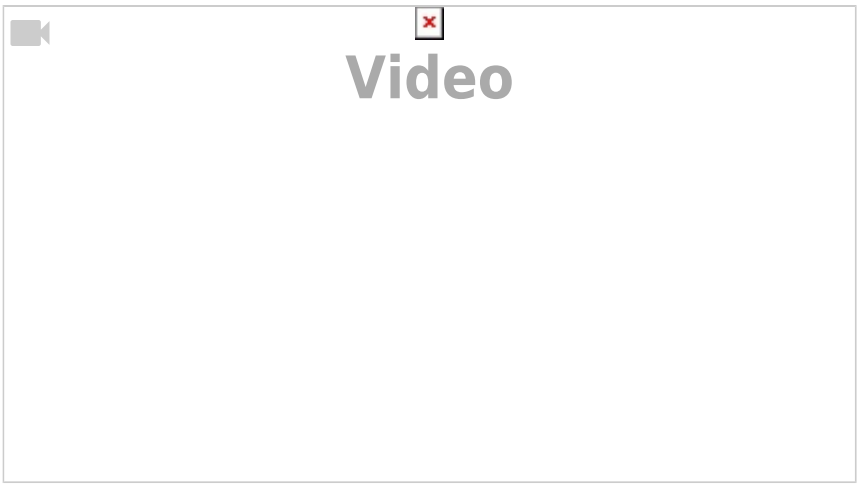


1: You need to remove protection fuse here
2: Unscrew
3: Remove
4: You need to add a 190°C klixon
4: Add it in parrallel. Rescrew. Done !

Method Video

Video

Direct Laser Transfer



Isolation Milling

A method that uses **CNC** to engrave around paths to isolate them from rest of PCB board