

Chip delayering by russian methods

<http://psxdev.ru>

Overview

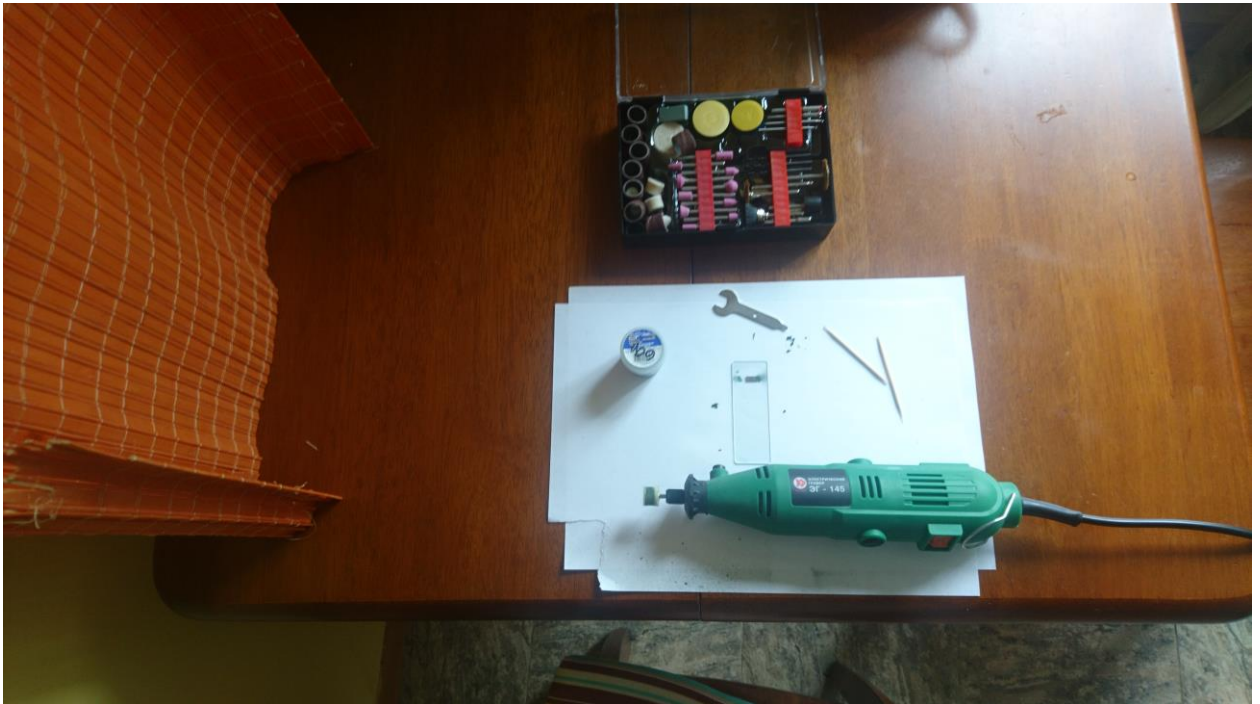
Method: manual lapping.

Equipment

Needed equipment:

- simple cover glass
- glue «Moment»
- compatible Dremel
- hairy nozzle
- GOI paste
- house protection

Photos:



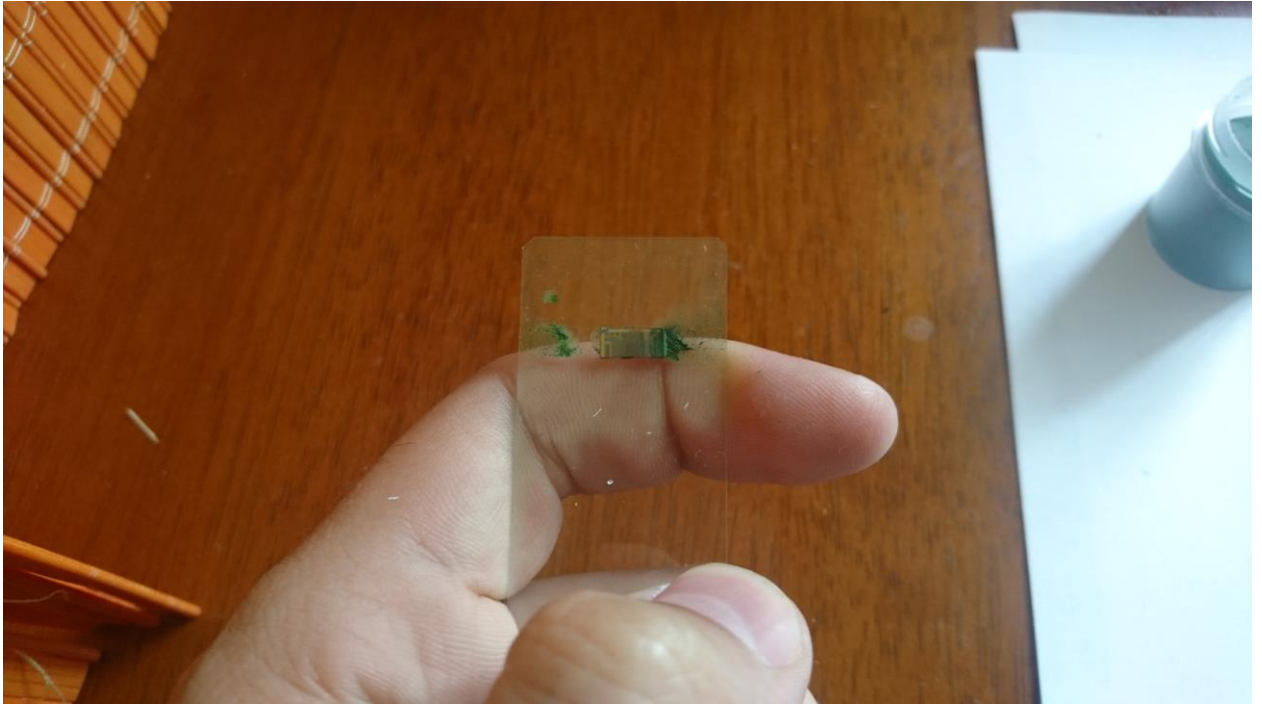
Picture 1- Kitchen Setup



Picture 2 - GOI Paste



Picture 3 - Fix the chip on cover glass by glue



Picture 4 - Smear chip surface with a paste



Picture 5 - Do not forget to protect the house from the shit flying around

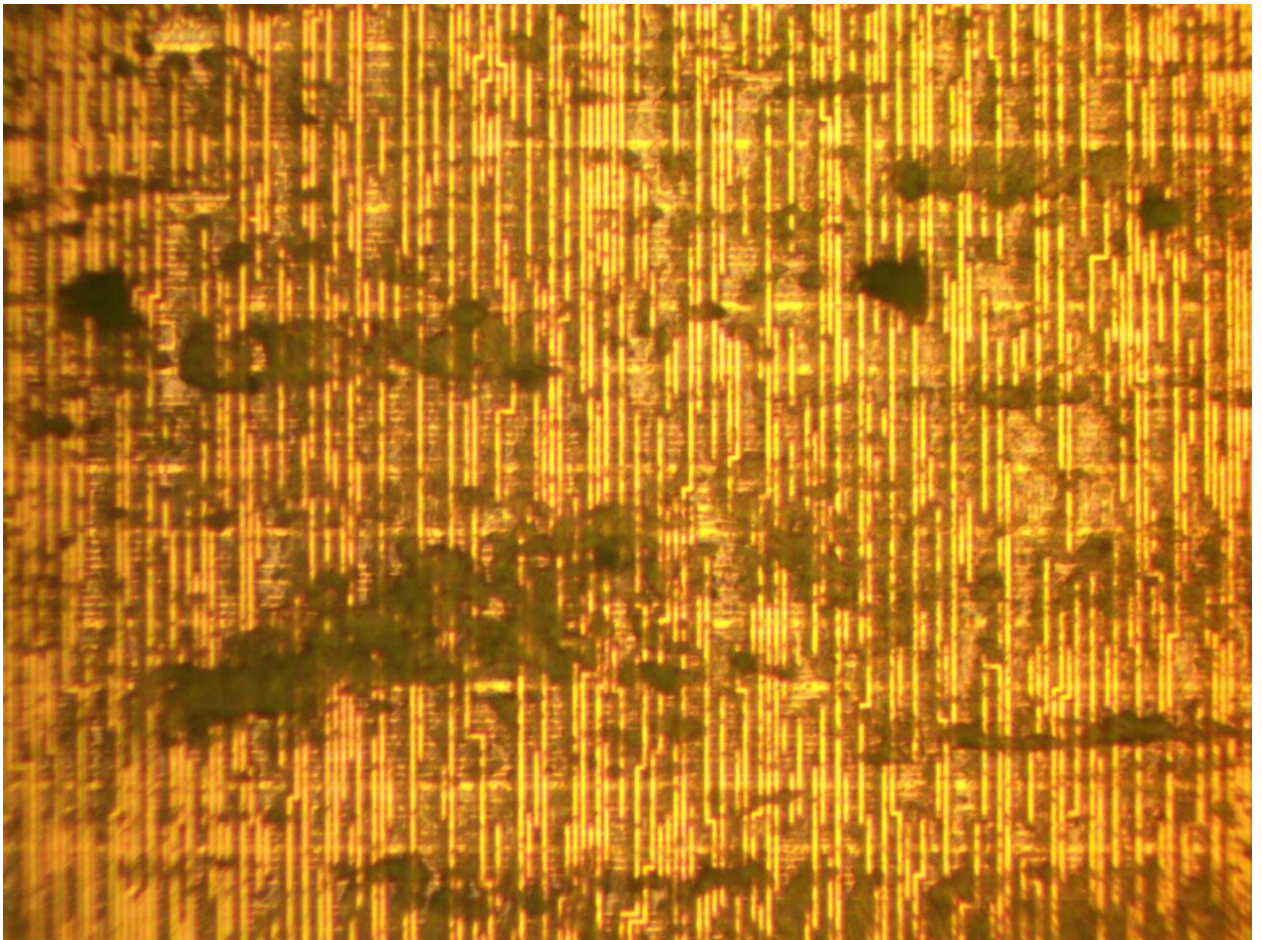
Processing

The speed of the dremel and the duration of the action are chosen experimentally.

At low speed, grinding is very slow or not at all. I set the average speed and worked on the surface for about 30 seconds. It was enough to remove the top layer of metal more or less evenly.

Note: you cannot lap whole chip uniformly. You need at least 5-10 chips, depending on metal layer count, to get complete set of information from different parts and lap sessions.

Results



Picture 6 - The surface is evenly covered with shit



Picture 7 - Top metal layer lapped out