



Badgeline

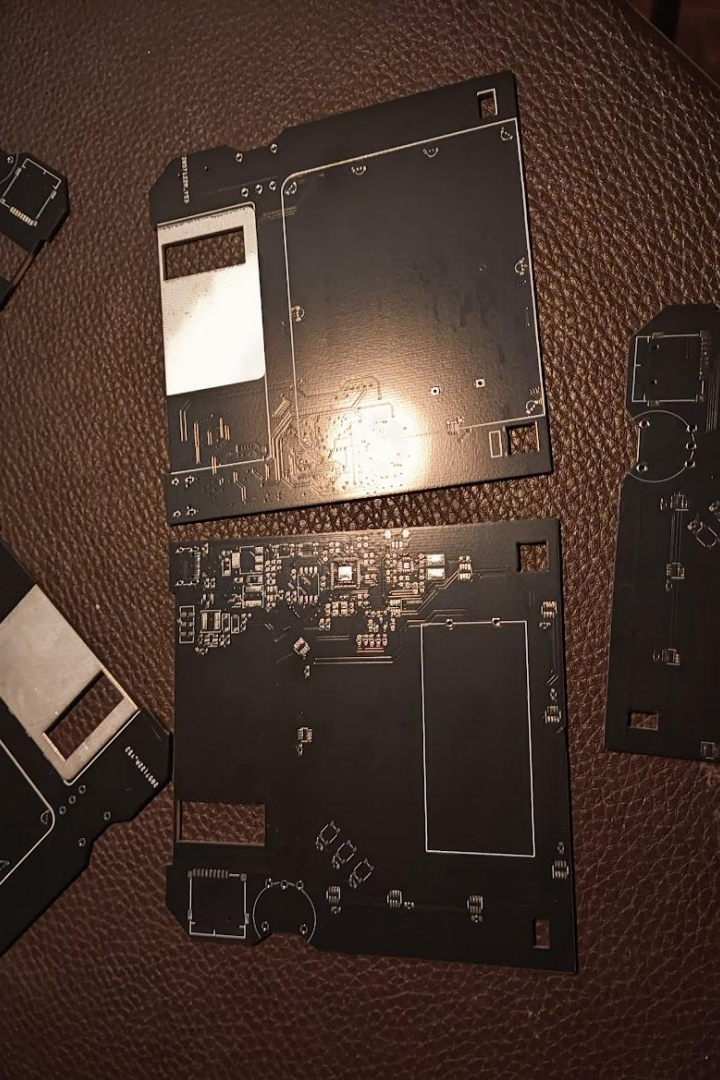
- Born from people with too many time on their hands
- Evolution from paper badges to complex, hackable, mutable, sentient, electronic badges
- Why?...Not?

A badge for Inércia?

- *Why?*
 - Paper badges are still boring
 - Craving for a new electronics project
- *What?*
 - Something scene-related

=> Floppy that plays mod files





Proof of concept

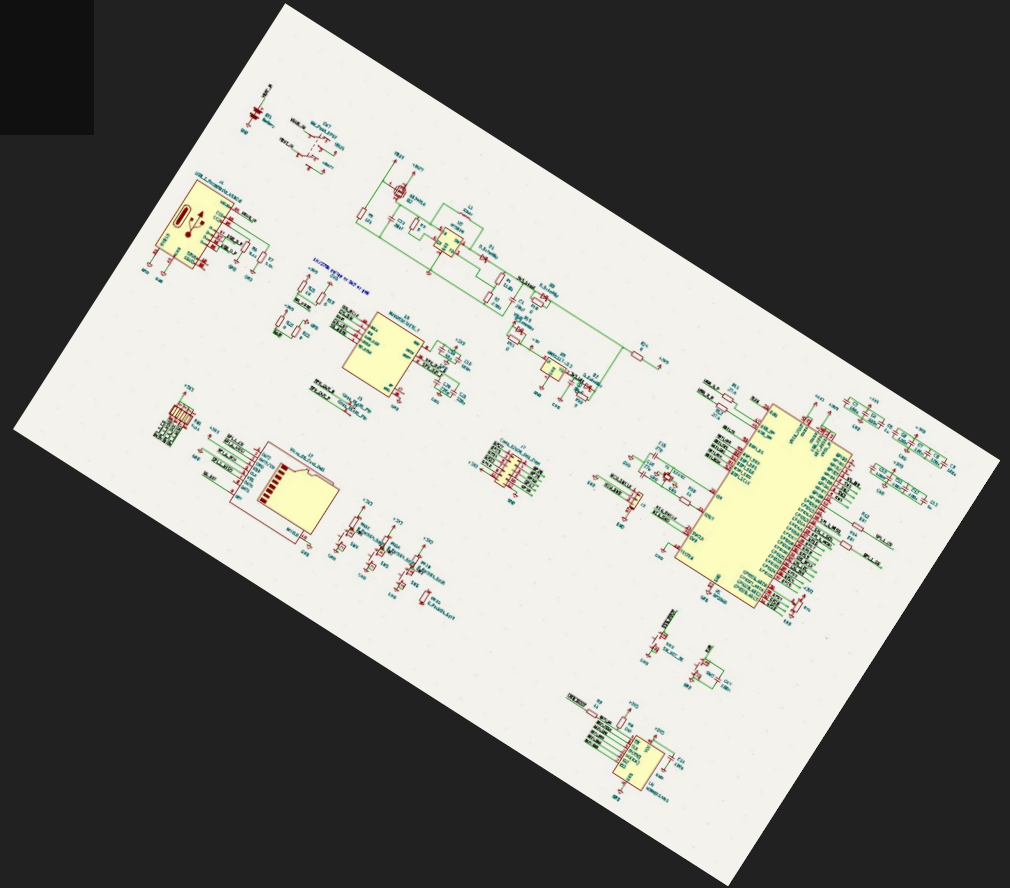
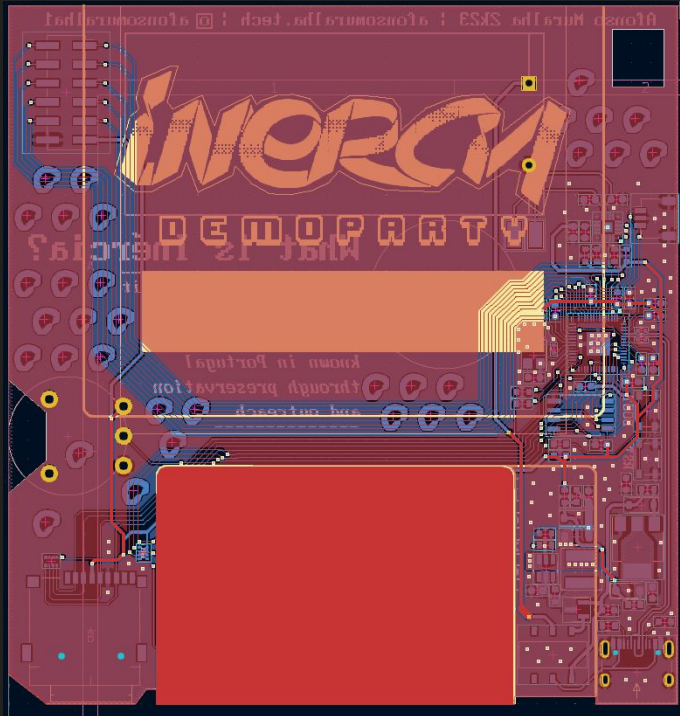
- Port mod decoder lib and test on dev platform
 - STM32 seemed the best
- Find out STM32 is \$\$\$
- Change to RP2040
- Find out lib is already ported
- Make prototype PCB
 - In Kicad



Byte the Bullet

- Confident on the hardware /s
- Confident on the software /s
- Design and order final boards and components
- Main features
 - RP2040 uC
 - AAA/USB-C power
 - SD card slot
 - Integrated speaker

PCB Design





INORCA
DEMOPARTY

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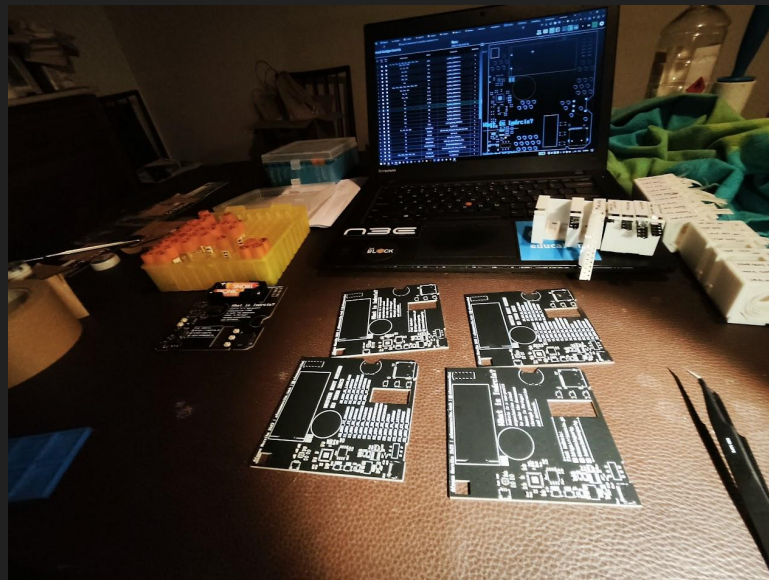


What is Inércia?

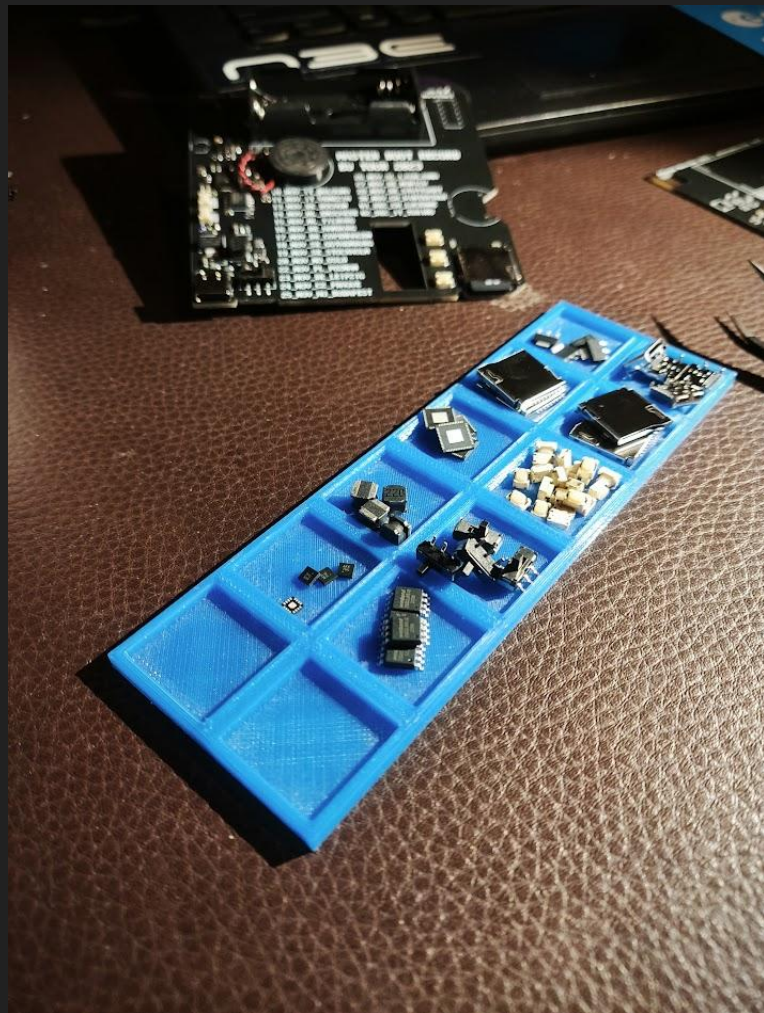
Inércia is a non-profit organisation aimed to make the demoscene known in Portugal through preservation and outreach.

Find inércia:
@ <https://inercia.pt>
@inerciaparty
inerciademoparty

Assemble 30 boards



Wait what?



Really, 30?

