

Hardware também pode ser livre?!

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Software livre

0. Executar o programa para qualquer uso
1. Estudar e adaptar à sua necessidade
2. Redistribuir cópias para os outros
3. Aperfeiçoar e liberar sua contribuição

Livre?!

ou

grátis??



• materiais
• produção
• embalagem
• frete

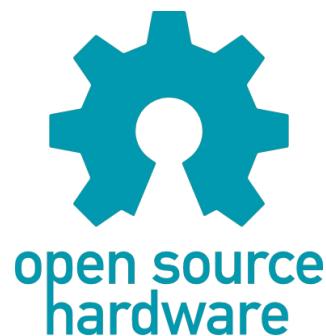
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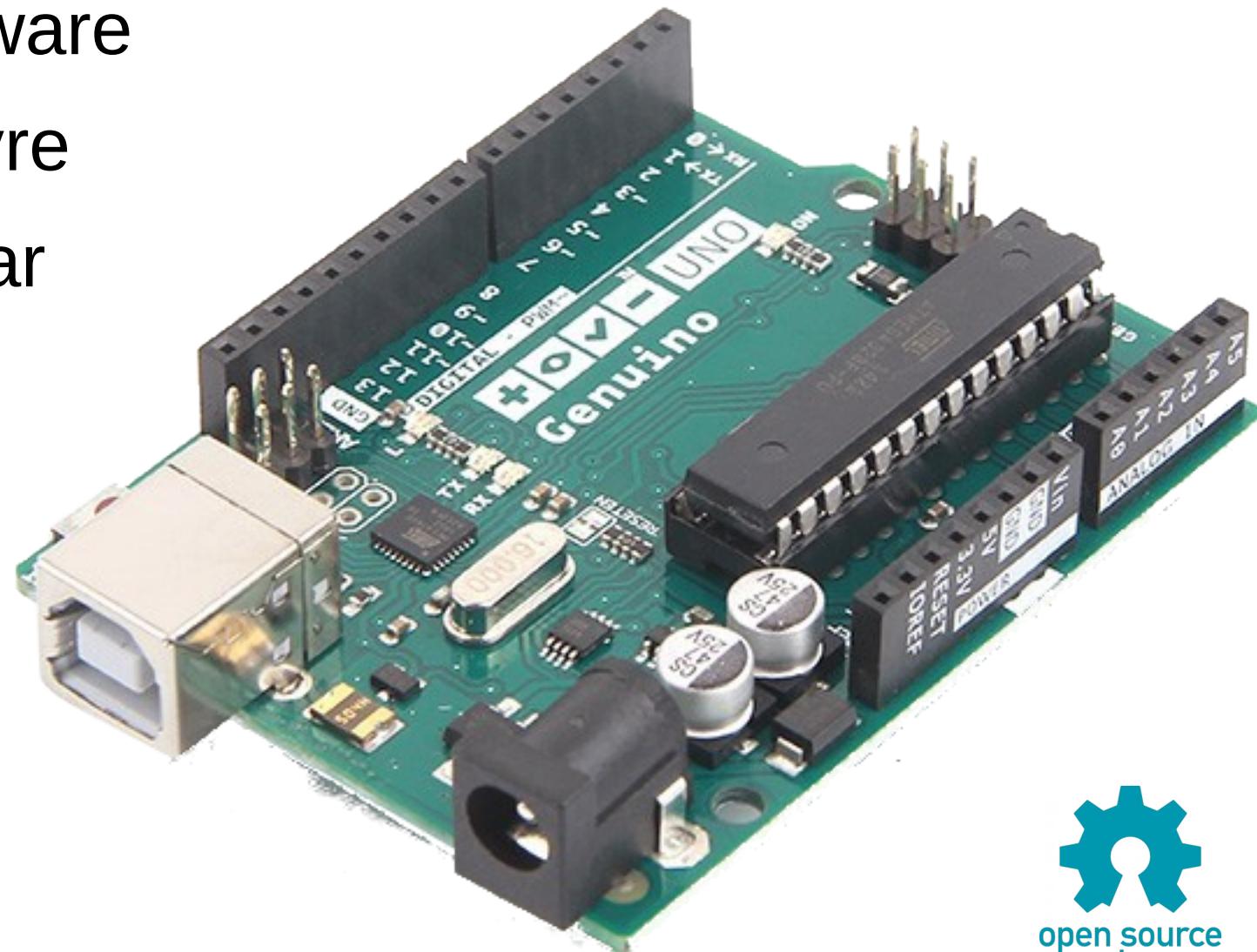
Hardware ~~livre~~ open source

- Documentação disponível
- Software para download
- Arquivos-fonte
- Lista de material
- Imagens
- Logo da OSHWA
- Preparo emocional

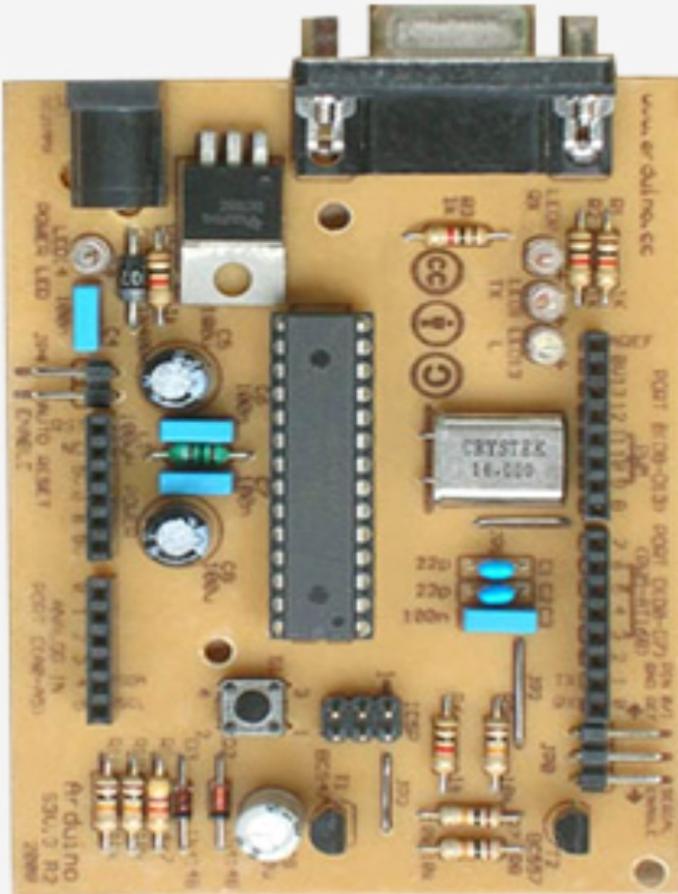


Arduino

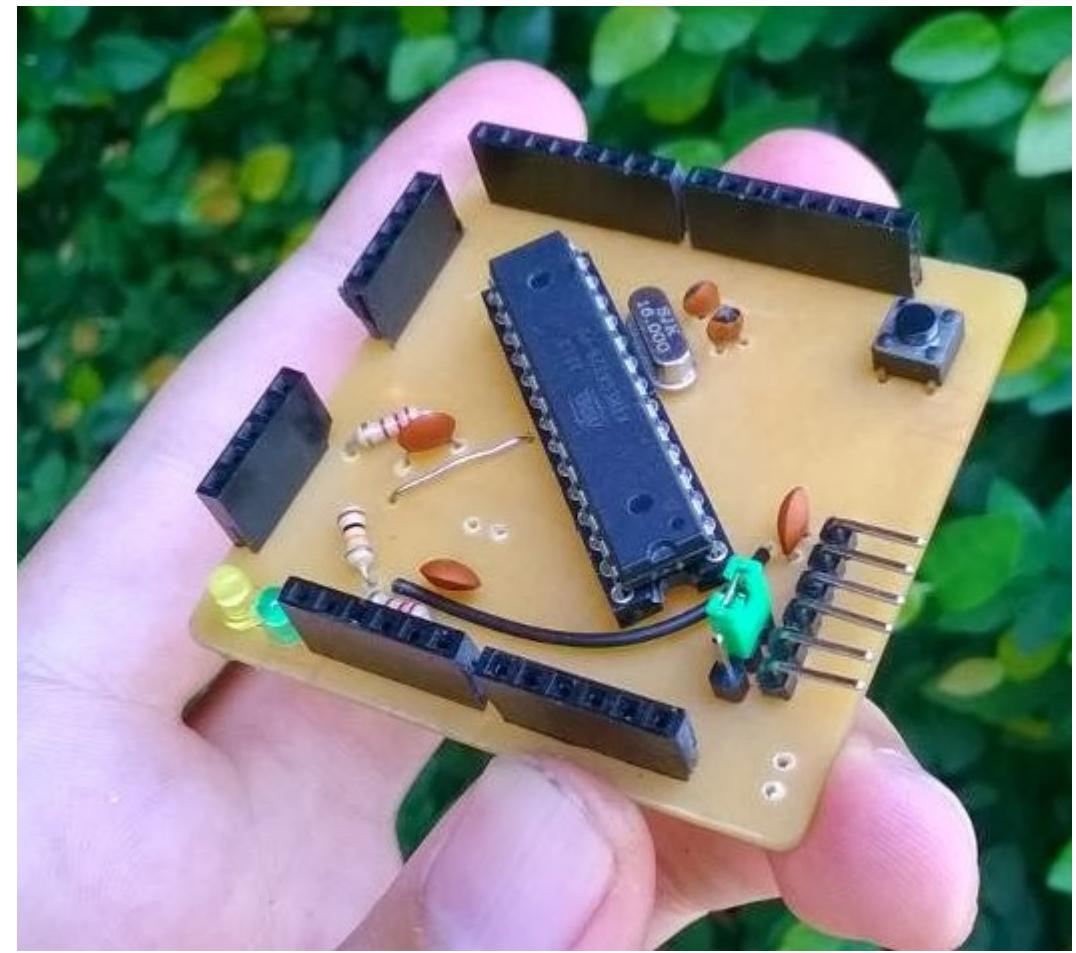
- Plaquinha que você pode **programar**
- Open hardware
- Software livre
- Fácil de usar
- “Barato”
 - R\$ 79



Outros “inos”



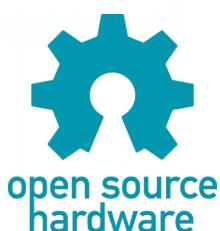
Severino (SP)

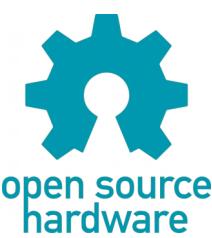
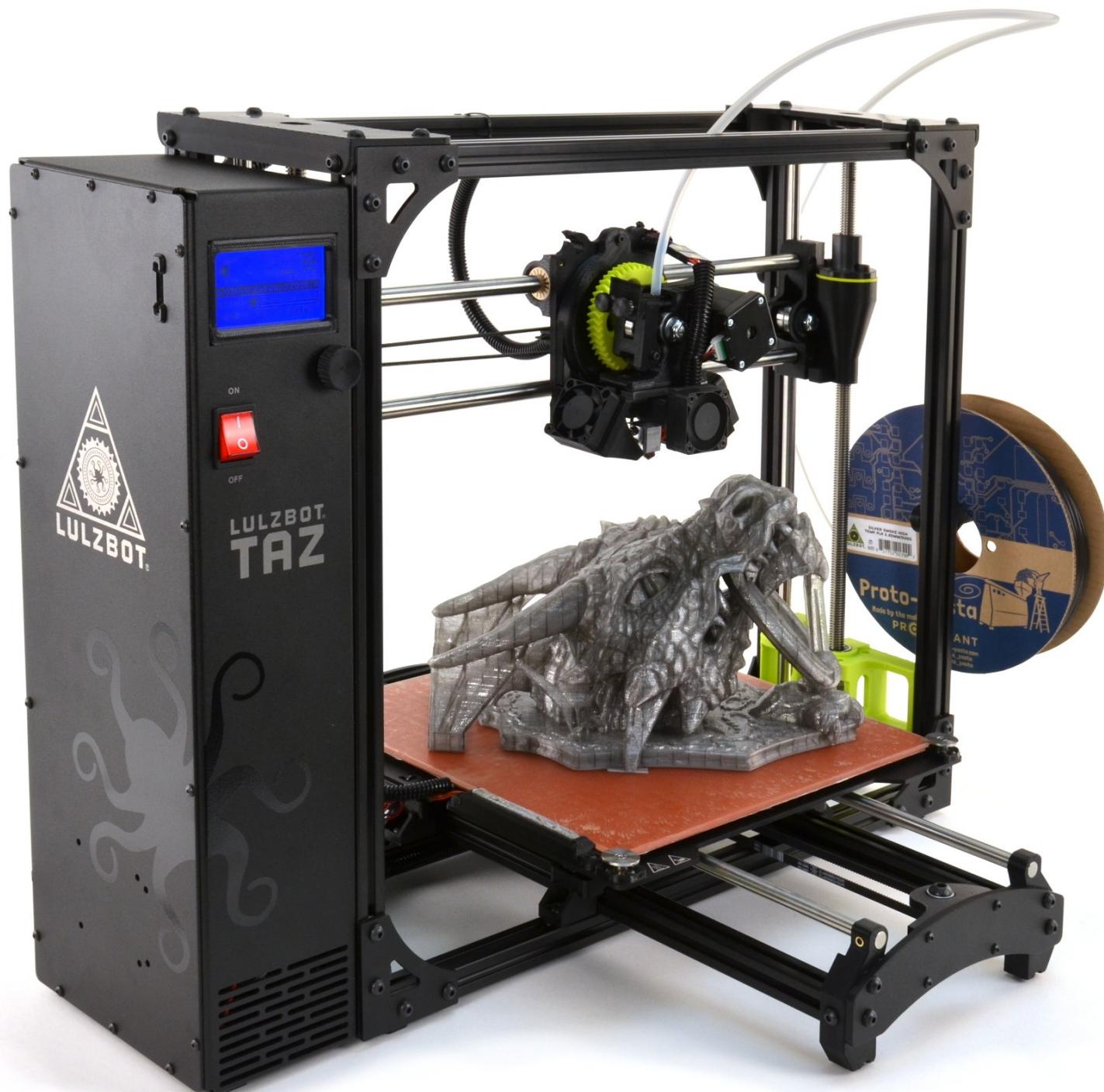


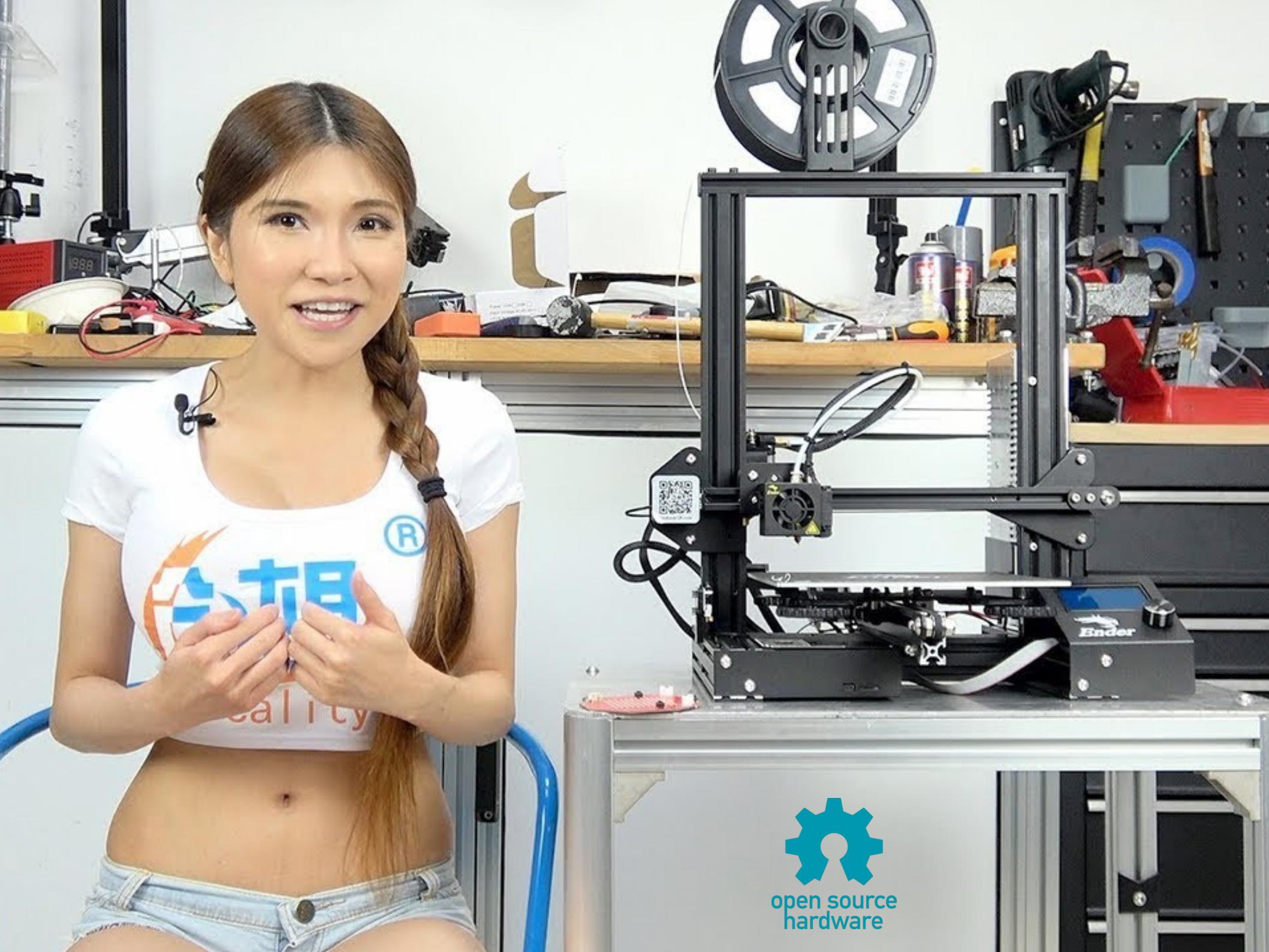
Marminino (CE)

Franzinho

Pinout







open source
hardware







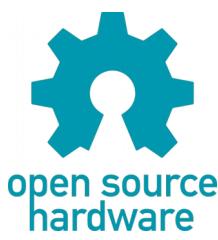
 
open source
hardware

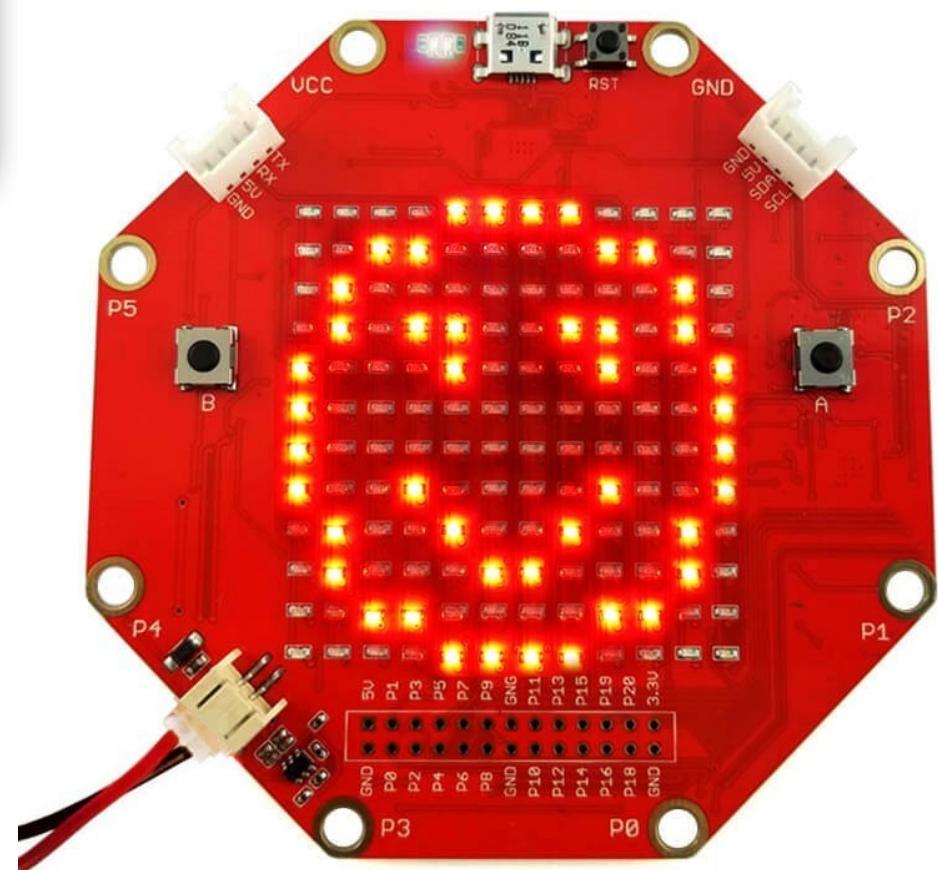
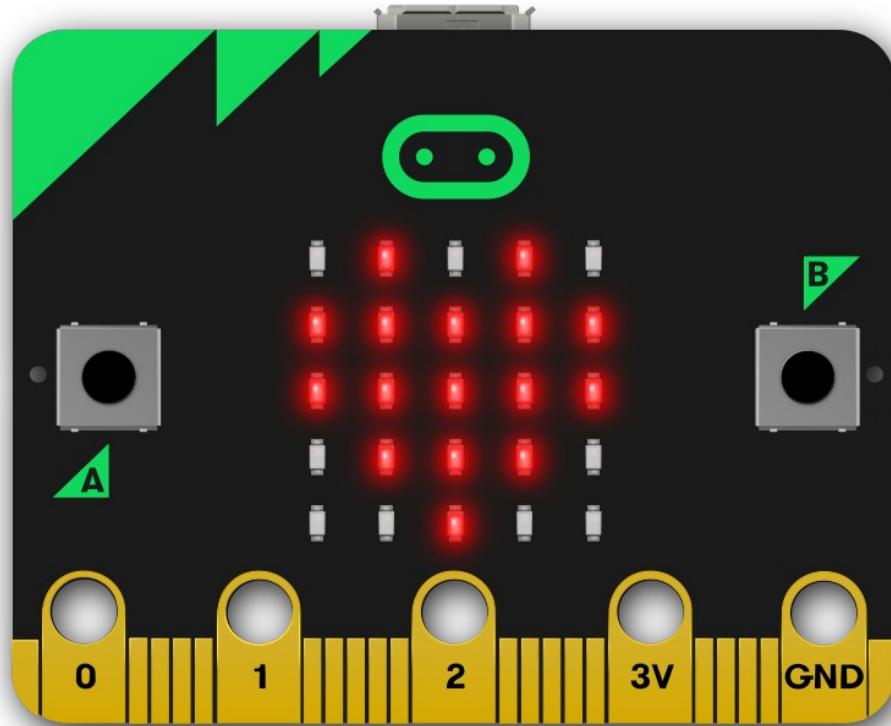


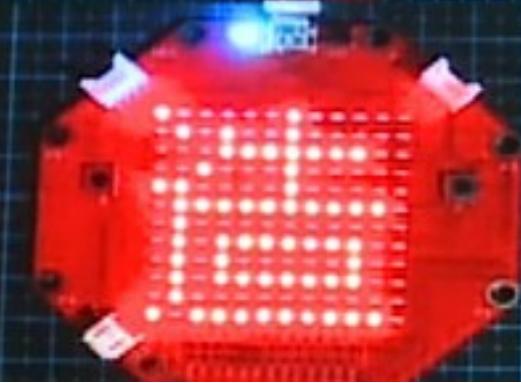
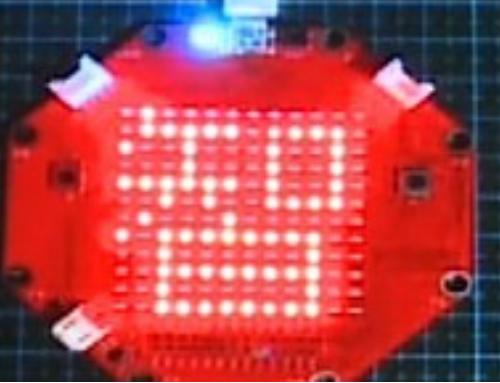
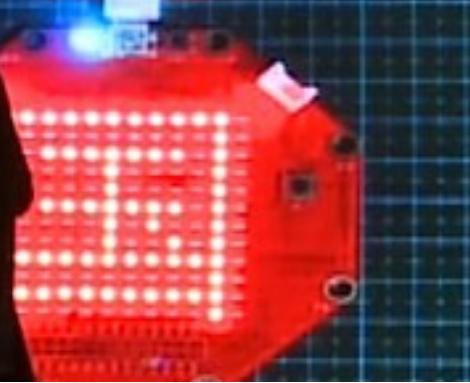
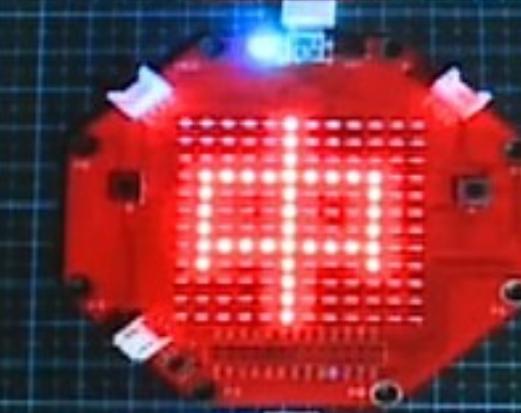
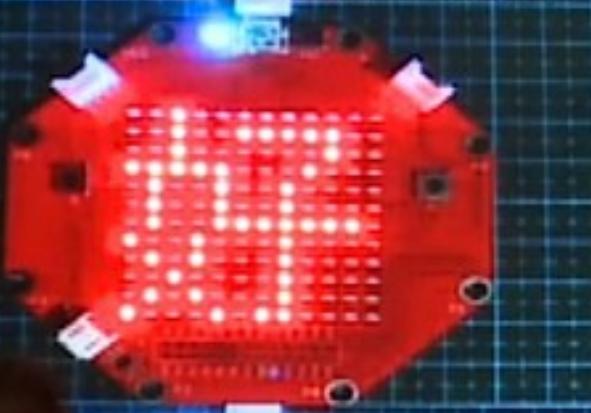
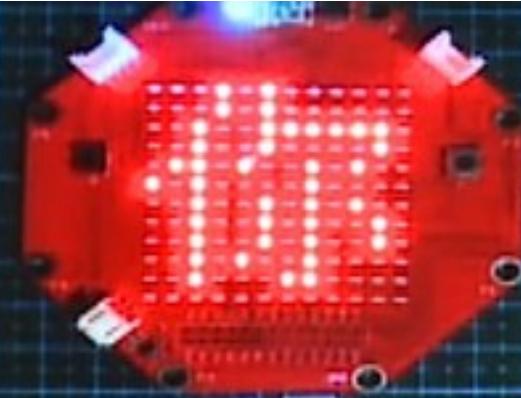
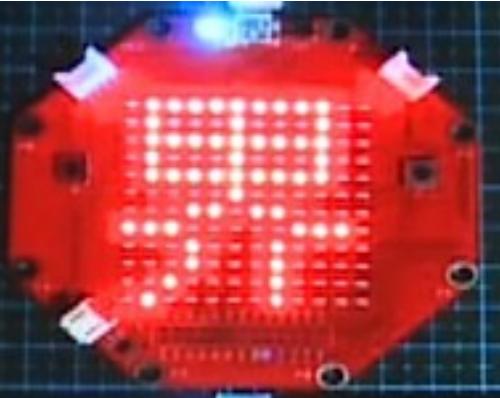
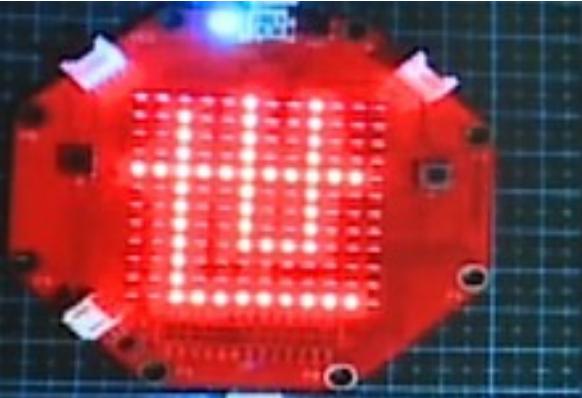


Created by Naomi Wu, Designed & Produced by Elecrow

OSHW
CN000001







中国开源年会
The China Open Source Conference
中国开源年会
The China Open Source Conference

Qual o tamanho da sua ideia?



Obrigado!



@ooocarneiro



ocarneiro



2carneiros.tv

<https://github.com/ocarneiro/apresentacoes>

