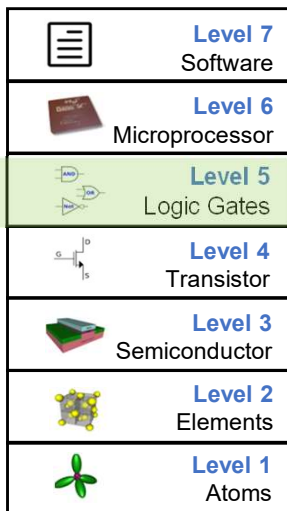
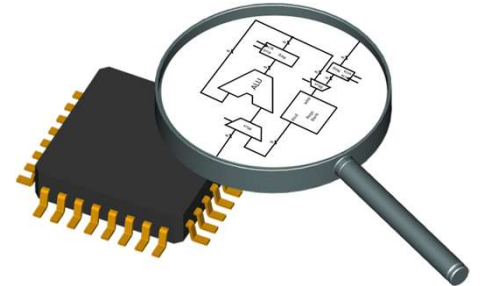




# Exploring the open side of the FPGAs

FPGA Wars is a group of enthusiastic people that are using Open FPGAs to answer these questions and more:

- Can you imagine how the chips internally work ?
- Can you imagine making your own CPU ?
- Can you imagine practicing your electronic designs live ?
- Have you ever thought designing a video game in hardware?
- ...



← Programming

← Digital Electronics

All this is possible thanks to the FPGAs. With them you can immerse yourself in the design of digital electronics. We are two steps below microcontrollers (such as Arduino).

Why are we different? **we are approaching this from a different perspective.** We use **open tools** as ICESTORM by Clifford Wolf, iCEStudio by Jesus Arroyo, Open Hardware Alhambra FPGA by Eladio Delgado and training materials by Juan Gonzalez.



### What are our core values ?

<b>Free Software</b>	<b>Open Hardware</b>	<b>Technological Heritage</b>
You can use, study, distribute and improve our code, always released under GPL	Our boards and hardware description modules are Open and created with Open Tools	All our work belongs to everybody and is part of the Technological Heritage

## Follow us



fpgawars.github.io

www.alhambrabits.com

## Learn

Workshops	Projects
Tutorials	Talks

## Contribute



**FPGAs are the 3D printers of the digital circuits !!**