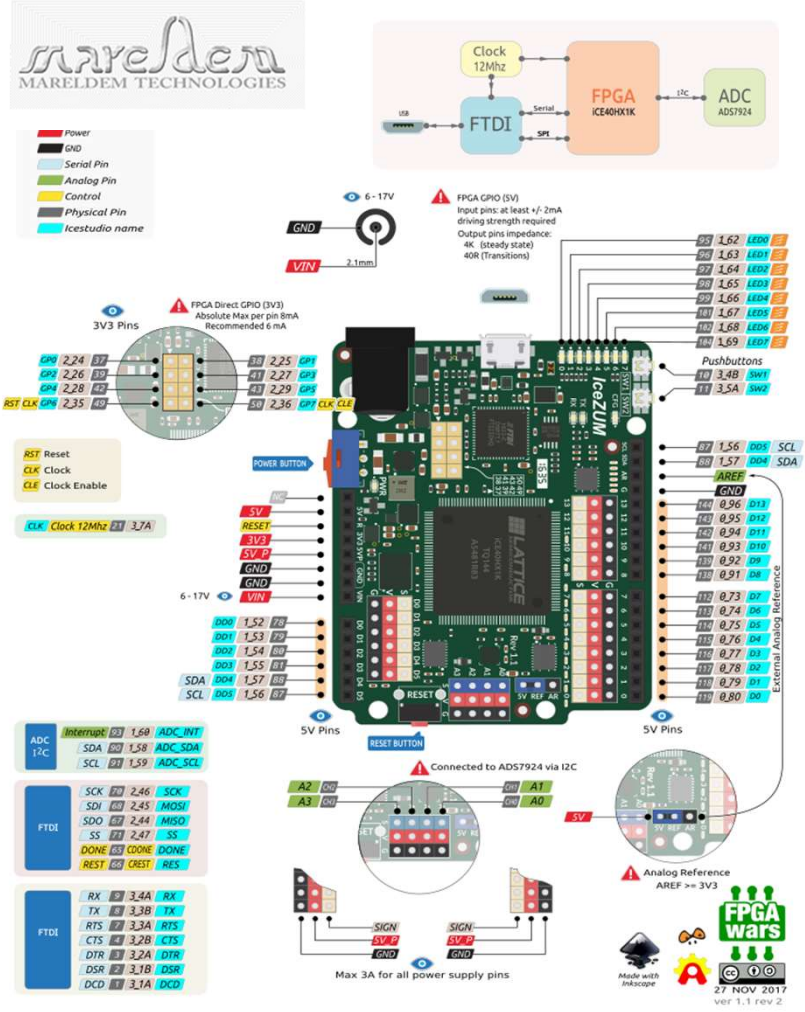
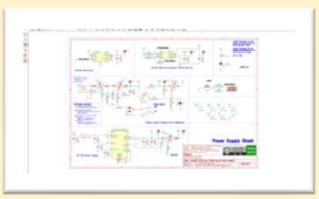
IceZum Alhambra

Open FPGA for Makers



This board is about **exploring the open side of the FPGAs**. We know that there are more powerful FPGAs. We know that there are very amazing software tools that can do a lot of stuff... but they are not opensource. So, if you like the freedom too, this board is for you !

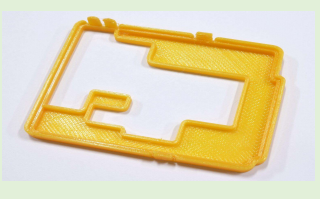
iCE40HX1K	Icestorm toolchain
Input power 6 - 17 vdc	Max input current 3A
12 MHZ MEMS osc	8 general purpose LEDs
20 GPIO (5v pins)	8 GPIO (3.3V pins)
Linux / Windows / Mac	ON/OFF switch



Schematics available in **KiCAD**

PCB available in **KiCAD**

All components are available in **FreeCAD**



3D printable **accessories**