

Micsa V. Alpha

Micsa alpha is a project that was supposed to be a lot bigger but due to some problematic, we only had one month to complete this project. It is a 3-channel common mode electroencephalogram. On the PCB, we have the filtering et amplification phase, the Analogue to digital converter section and the Microcontroller who dose the transfer to the PC via USART. The PSU is not on the board to reduce all possible noise. For future use and testing, we have decided to pinout all the MCU and ADC pins making this PCB not only a EEG but also a small development board.

In this folder, you will find all the Altium files needed for this project as well as all Gerber files and report such as the BOM and pdf of the project.