FEDEVEL

# CERTIFICATION

This is to certify that

## Pedro Henrique Mallmann Kern

has successfully completed the course

## Mixed-Signal Hardware Design with KiCad

Date **19 MAR 2025**

Course tutor

Philip Salmony

**Course duration:** 5h 20min **Software used:** KiCad V6 **Course content:** 1) System-Level Design 2) Part Selection 3) Understanding Datasheets 3) Power Supply Design 4) MCU and USB Circuitry 5) ADCs, DACs, and Analogue Circuitry 6) Symbol and Footprint Creation 7) Circuit Simulation with LTSpice 8) PCB Design, Layout, and Routing 9) Product Manufacturing

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**Certificate number:** 137c359d47005c5527987e805