FEDEVEL

CERTIFICATION

This is to certify that

Damir Kadyrzhan

has successfully completed the course

Mixed-Signal Hardware Design with KiCad

Date **16 OCT 2026**

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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