FEDEVEL EDUCATION

# CERTIFICATION

This is to certify that

## Gerard Pérez González

has successfully completed
FEDEVEL ACADEMY course

## Advanced PCB Layout

Date: **14 APR 2023**

Course tutor: Robert Feranec

**Course duration:** 14h 55min
**Software used:** Altium Designer
**Course content:** 1) Placement 2) Basic Rules & Basic Stackup, Fanout under CPU, DDR3 preliminary layout 3) Board fanout, Planning Layout, Crosstalk, Impedances & Stackup 4) High Speed Design Rules & Routing, Layer ordering 5) Number of layers, Layout 6) Length matching, About memory routing, Polygons & Power Planes 7) Checking PCB, Length tuning, Finishing PCB, Generating & Checking gerber files

Certificate number: 1c658a07905c0a1f8750071f6