FEDEVEL

CERTIFICATION

This is to certify that

Emre Burak El

has successfully completed the course

Power and Signal Integrity: Advanced Materials, Manufacturing, and Techniques

Date **30 JUL 2026**

Course tutor Rolf Ostergaard

Rolf Ostergaard

Course duration: 2h 10min **Course content:** Frequency-dependent Losses, PCB Materials, PCB Manufacturing, Laminates/Cores, Prepregs, Glass Weaves, Materials for high speed, Cu Foil, Stackup Design and Strategies, Via Design, PCB Surface Finish

Certificate number: 1d7287511b6b4c3069629a4d7