



CERTIFICATION

This is to certify that

Wasi Haider Ali

has successfully completed the course

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

Date **30 JUN 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