



SEMINAR INVITATION

on 16.06.2026
in Aarhus, Denmark

Partner:



INVITATION TO THE FREE SEMINAR ON **16.06.2026 IN AARHUS**

Würth Elektronik cordially invite you to the free Seminar on 16.06.2026 in Aarhus.

The seminar was designed by engineers and technicians and is aimed at people who are interested in practice-oriented content, to get support in the development of error-free electronics and devices.

Main topics:

- Mastering motor inverters
- balancing efficiency
- spac
- cost featuring a heat pump reference design

Seminar location:

Agro FoodPark 26
8200 Aarhus N
Denmark

Tuesday, 16.06.2026 from 09:00 to 16:00 o'clock

Please register by 09.06.2026 as the number of participants is limited. You can find the registration here: www.we-online.com/seminar-registration

The partner's privacy notice applies and is available [here](#).

We would be pleased to welcome you to our seminar.

With kind regards
Würth Elektronik

AGENDA FOR THE FREE SEMINAR ON

16.06.2026 IN AARHUS

- 09:00 – 09:45** **Introduction (ST)**
- High Voltage Inverter Power Stage: an overview
 - Ways how to integrate a HV Inverter Power stage
- 09:45 – 10:15** **Case Study introduction (ST)**
- Heat Pump Application Overview
- 10:15 – 10:30** **Case study: Heat pump reference design (ST)**
- 10:30 – 11:00** **Coffee Break**
- 11:00 – 12:00** **EMC in Motor Control Systems (Würth Elektronik)**
- Overview of EMC challenges
 - Common Mode look at Main Power Filters
 - Differential Mode Design and Grounding
 - Hidden Common Mode sources
- 12:00 – 13:00** **Lunch Break**
- 13:00 – 14:00** **Active PFC solutions (ST)**
- Best Design Practice
 - Power Topologies (Boost, Totem pole, Barbi,...)
- 14:00 – 15:15** **Passive components & design considerations (Würth Elektronik)**
- Inductors – Heating and Saturations, things to have in mind
 - Capacitors – film, electrolytic, polymer electrolytic behavior
 - Filter Components Common Mode and Differential Mode
- 15:15 – 15:30** **Coffee Break**
- 15:30 – 16:00** **Conclusion & Q&A (ST/ Würth Elektronik)**
- Ecosystem Evaluation
 - Key Product Families Overview