



SEMINAR INVITATION

on 23 April 2024
in Sofia

Partner:



WÜRTH ELEKTRONIK MORE THAN YOU EXPECT

INVITATION TO THE FREE POWER & EMI **DESIGN SEMINAR ON APRIL 23, 2024** **IN SOFIA**

Würth Elektronik eiSos GmbH & Co. KG, in cooperation with STMicroelectronics and Rohde & Schwarz cordially invite you to the free Power & EMI Design Seminar on April 23, 2024 in city of Sofia.

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

Main topics:

- Synchronous Converters - features of the L698x family / Mr. David Tupy @ STMicro
- Powerful simulation tools - eDesignSuite and eDSim / Mr. David Tupy @ STMicro
- DC/DC Converter as noise source, Filter for a Flyback Converter / Mr. Lorandt Foelkel @ WE
- Live measurement with LISN+Instrument on Flyback Converter / Mr. Lorandt Foelkel @ WE
- PCB layout considering EMI / Mr. Lorandt Foelkel @ WE
- EMI Debugging using Oscilloscopes / Mr. Mathias Hofer @ R&S
- EMI Receivers vs. Spectrum Analyzers vs. Oscilloscopes / Mr. Mathias Hofer @ R&S

Seminar location:

Hotel Expo Sofia

149 Tsarigradsko Shosse Blvd, Sofia – [MAPS LINK](#)

Tuesday, 23. April 2024 from 09:00 a.m. to 5:00 p.m.

Free parking for the participants is available in the hotel parking, until filled the parking area.

Please register by 12.04.2024 as the number of participants is limited. You can find the registration here: www.we-online.com/seminar-registration

Please contact below for possible questions:

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We would be pleased to welcome you to our seminar.

With kind regards

Würth Elektronik eiSos GmbH & Co. KG & STMicroelectronics & Rohde & Schwarz

AGENDA FOR THE FREE POWER & EMI

DESIGN SEMINAR ON APRIL 23, 2024

IN SOFIA

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| 08:40 – 09:00 | Registration and coffee |
| 09:00 – 09:10 | Introduction & Welcome |
| 09:10 – 10:40 | Synchronous Converters Powerful simulation tools |
| 10:40 – 11:00 | Coffee break |
| 11:00 – 12:30 | DC/DC Converter as noise source Filter for Flyback Converter EMI Debugging using Oscilloscopes |
| 12:30 – 13:30 | Lunch |
| 13:30 – 15:00 | Live measurement with LISN and Analyzer on Flyback Converter PCB layout considering EMI EMI Receivers vs. Spectrum Analyzers vs. Oscilloscopes – what Test & Measurement Equipment to use for which phase of your product development cycle (and why) |
| 15:00 – 15:20 | Coffee break |
| 15:20 – 16:50 | Simulation tools by STMicroelectronics RedExpert by Würth Elektronik eiSos R&S®InstrumentView by Rohde & Schwarz |
| 16:50 – 17:00 | Q&A & End of the seminar day |

Presented by:

Mr. Lorandt Foelkel, M.Eng, Field Application Engineer & Product Development Manager, Würth Elektronik eiSos GmbH & Co. KG

Mr. David Tupy, Application Engineer, EMEA Analog & Sensors Team, STMicroelectronics

Mr. Hamza Bouaiba , Product Marketing Manager, EMEA Analog Products, STMicroelectronics

Mr. Mathias Hofer, Application Engineer EMC, Rohde & Schwarz