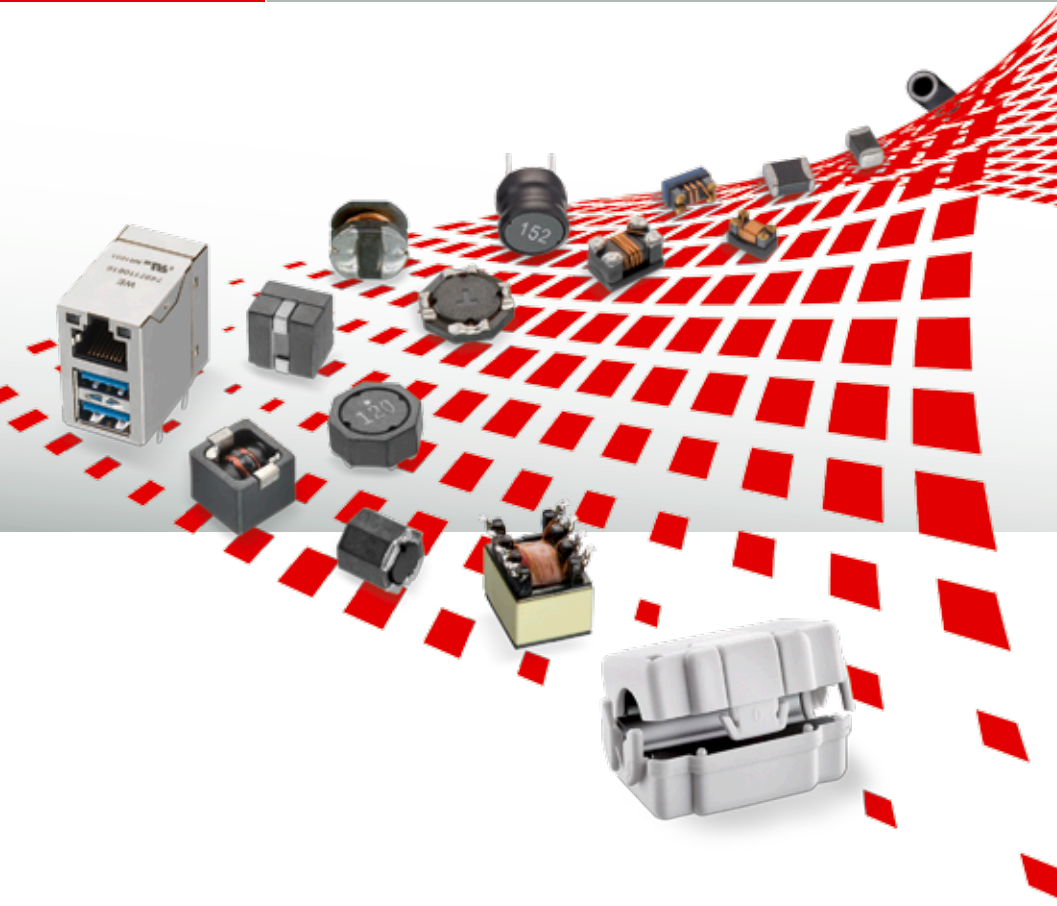


**NEW!**



# Passive Components

New Products 2010/2011



- EMC Ferrites**
- Common Mode Chokes**
- Power Inductors**
- Power Transformers**
- LAN Transformers**

# Small Component – Huge Award

## WE-PMI Power Multilayer Inductor

We are proud to achieve the position of 1<sup>st</sup> place in product of the year 2010 for the “Passive Components“ category, as voted by readers of ELEKTRONIK magazine.



Thanks to all the readers of ELEKTRONIK magazine. The whole Würth Elektronik team feels honoured with this award.

- Compact multilayer
- Suitable for applications with high currents up to 2.5 A
- Magnetically shielded construction: No crosstalk
- For DC/DC converters, especially at high switching frequencies (> 1 MHz)
- For portable devices like PDA and digital cameras

# Designer Toolbox for purchasers and engineers

## WE Inductor Selector

Inductor selector software for SMPS designs:

- Selection of power inductors for SMPS
- For Buck, Boost and Sepic converters
- Intuitive menu
- Offline processable
- Manual calculation alternatively
- Free of charge



**TOOLBOX**  
[www.we-online.com/toolbox](http://www.we-online.com/toolbox)

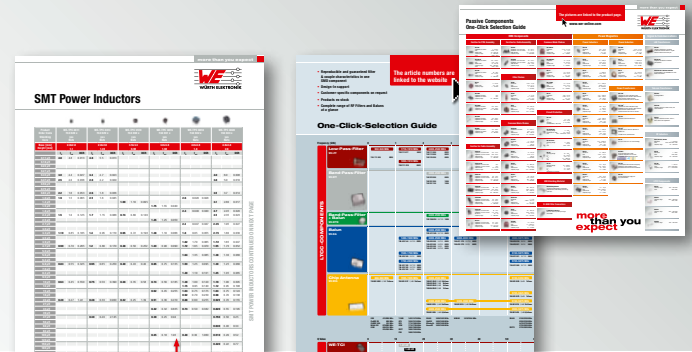
## WE-FLEX Designer

The WE-FLEX Designer calculates suitable transformers for flyback applications. Free of charge.



## Product Finders

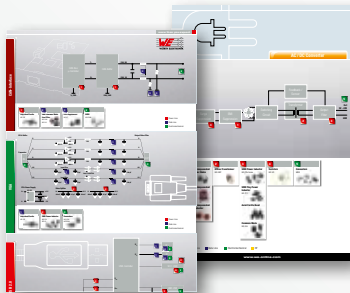
With one click you'll find the product you are looking for.



## Application Guide

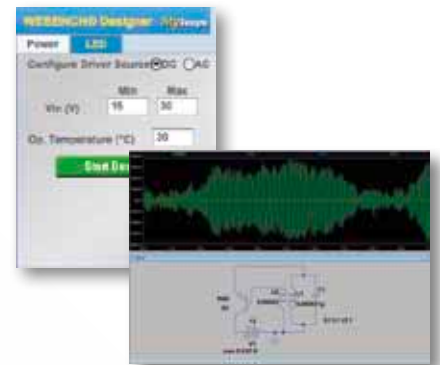
Block diagrams of important applications and interfaces such as:

- DC/DC Converter
- AC/DC Converter
- CAN
- USB
- VGA
- IP Phone
- LCD Monitor
- WLAN
- RS 232/485



## Simulation Software

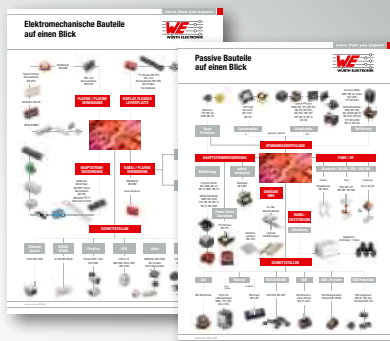
Simulation tool for the easy selection of suitable switching regulators.



## Product Mindmap

Overview of all components related to applications.

All products are linked to the online catalogue, which gives you quick access to all relevant product details and specifications.



## Components Libraries

Component libraries for Eagle and Altium Designer

**Altium**™



## Product Training

Improve yourself: Use our new product training modules for free. Learn more about how to solve EMI issues with common mode chokes, the key features of high current and flatwire power inductors and their areas of application.



# Passive & Electromechanical Components



## EMC Components



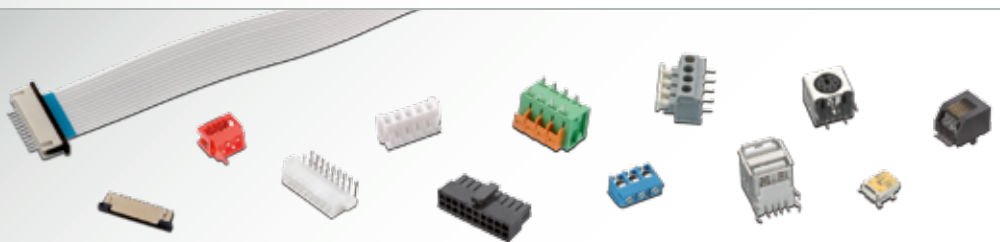
## Power Magnetics



## Signal & Communications



## Connectors



## Switches



## Assembly Technique



## Power Elements



# more than you expect

## Würth Elektronik differs from all other component manufacturers in several aspects:

- We guarantee all catalogue products are manufactured to stock
- Samples free of charge
- Orders below MOQ
- Design kits with lifelong free refill
- Design Guide Trilogy of Magnetics
- EMC & Power EMI Design Seminars free of charge
- Reference designs of leading IC manufacturers
- Worldwide technical sales force and field application engineers on site
- Custom solutions
- EMC lab search engine

