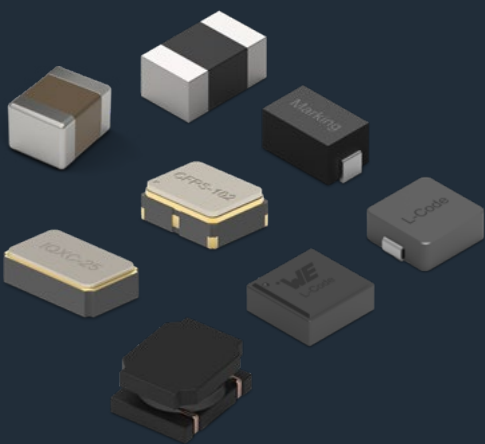


WÜRTH ELEKTRONIK MORE THAN YOU EXPECT



ELECTRONIC  
COMPONENTS  
FOR EMBEDDED  
SYSTEMS

# THE WÜRTH ELEKTRONIK eiSos GROUP



THE WÜRTH ELEKTRONIK GROUP

**Employees:** 7,900\*  
**Sales:** 1.24 Bn. Euro\*  
\*2023

WÜRTH ELEKTRONIK eiSos GROUP



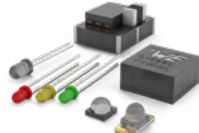
PRINTED CIRCUIT  
BOARDS

INTELLIGENT  
POWER AND  
CONTROL SYSTEMS

Passive  
Components



Power Modules &  
Optoelectronics



Electromechanical  
Components



Automotive &  
eMobility



Wireless Connectivity &  
Sensors



## GLOBALLY AVAILABLE. LOCALLY PRESENT.



**13**  
Warehouses



**15**  
Quality & Design Centers



**16**  
Production plants



**50**  
Countries



# ELECTRONIC COMPONENTS FOR EMBEDDED SYSTEMS

## Storage Inductors **1**

- Shielded, molded high current inductors
- High rated and saturation currents low RDC



## SMD Ferrites **2**

- Perfect as data line filter and for uncoupling of distribution voltage
- Wide impedance range



## Overvoltage Protections **3**

- SMD Varistors, TVS and Power TVS diodes
- Comply to VDE, CQC, CSA, UL



## Capacitors **4**

- Aluminum Electrolytic Capacitors
- Aluminum Polymer Capacitors
- Aluminum Hybrid Polymer Capacitors
- Multilayer Ceramic Capacitors (0201-2220) NPO; X5R; X7R



## Crystals & Oscillators **5**

- SMD hermetically sealed



## Signal Line Common Mode Chokes **6**

- Core materials: Manganese Zinc (MnZn), Nickel Zinc (NiZn)
- Bifilar and sectional winding styles



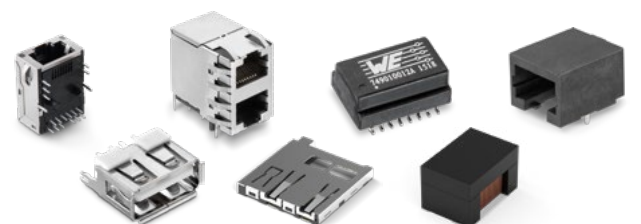
## Filter Inductors **7**

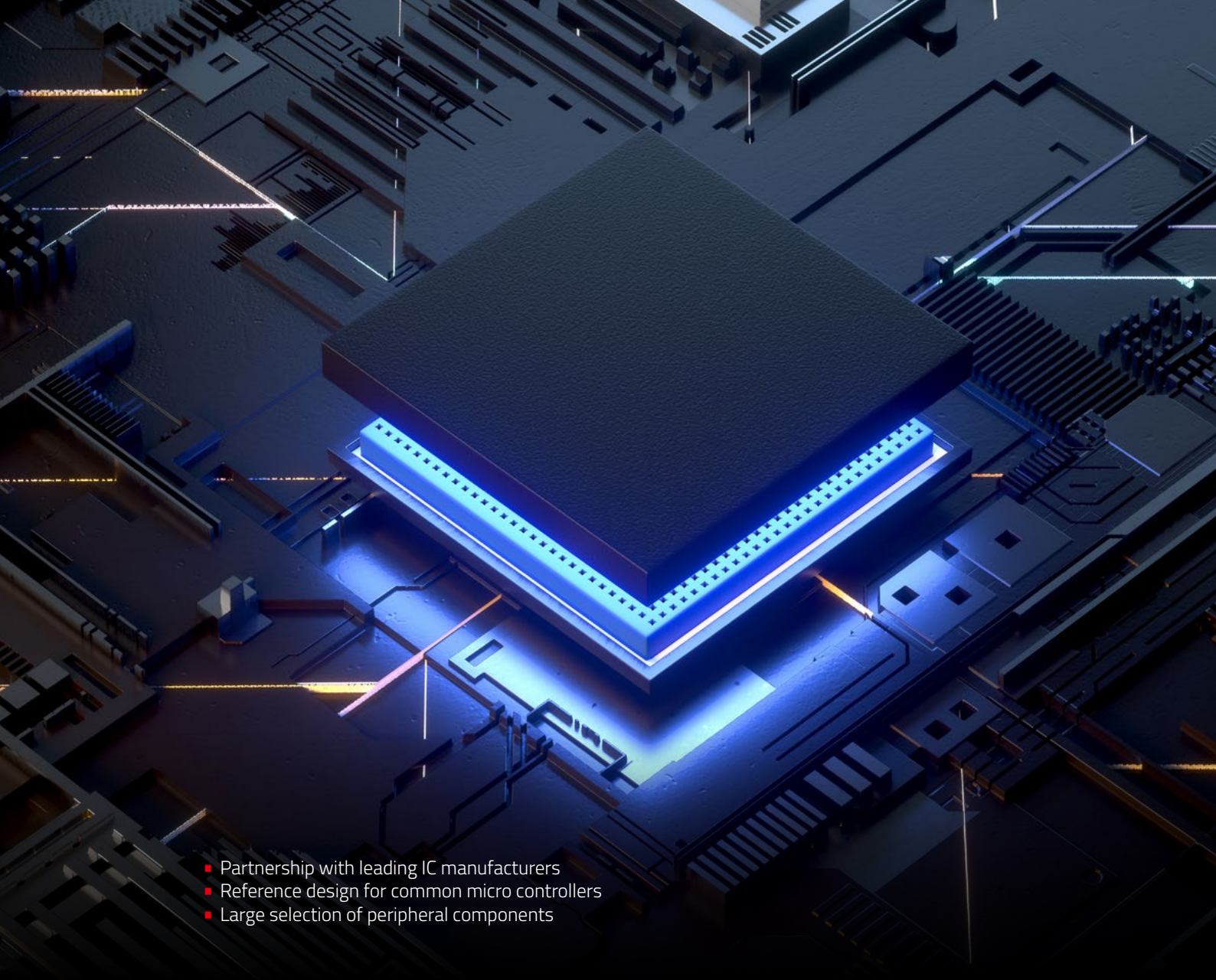
- SMD shielded, unshielded and semi shielded
- Small sizes, low profile
- High voltage versions available



## Communication Interfaces **8**

- Filtered LAN for speed up to 10 Gbit
- PoE applications supported up to 2 A
- SMD/THT/THR versions available

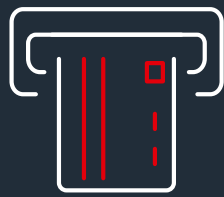




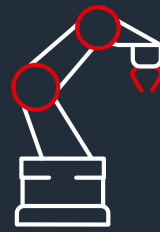
- Partnership with leading IC manufacturers
- Reference design for common micro controllers
- Large selection of peripheral components



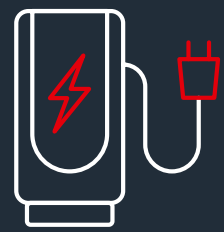
Fitnessstracker



ATM



Robots



EV charger



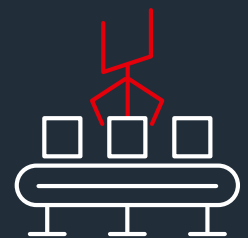
Smartphones



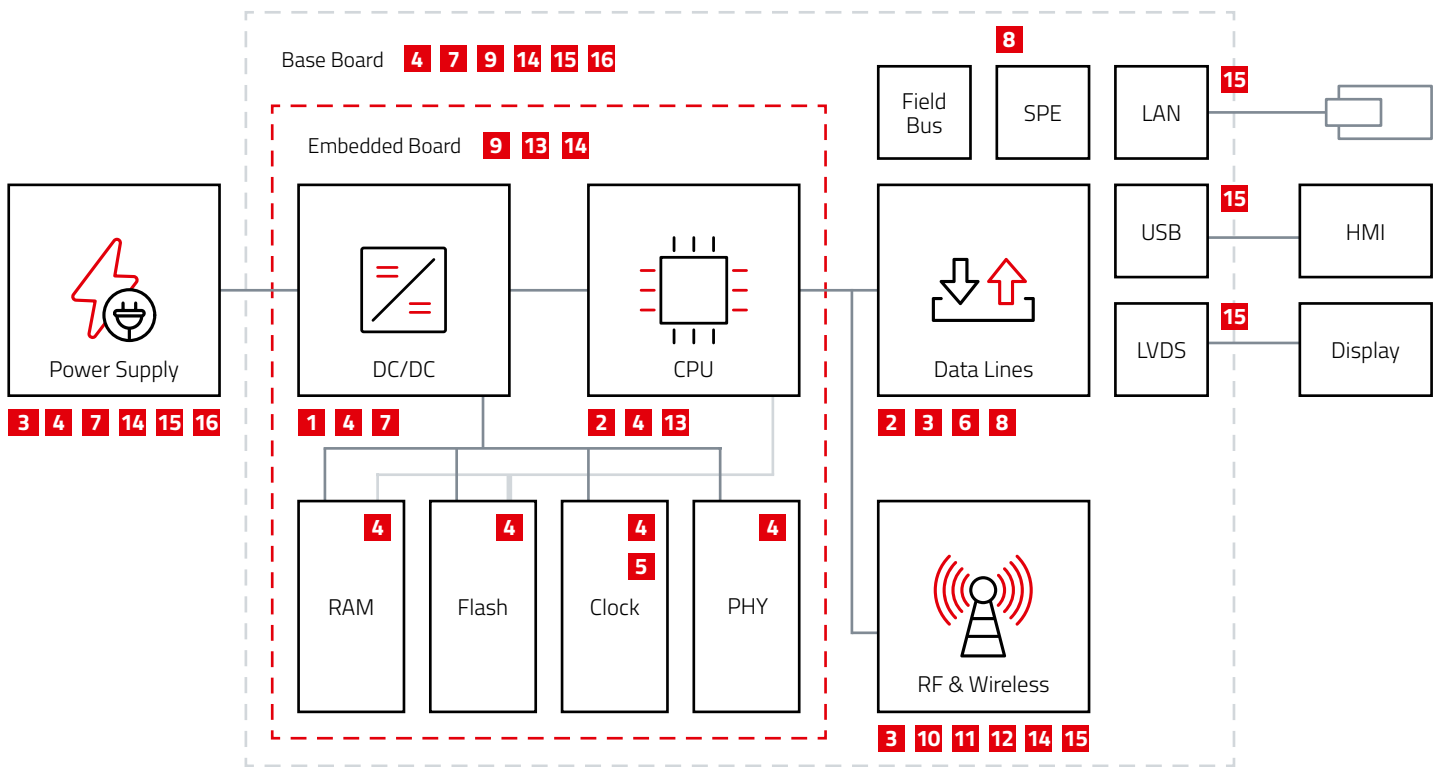
Home appliances



Gaming peripherals



Industry automation



Medical equipment



Navigation systems



Computer systems



Digital cameras



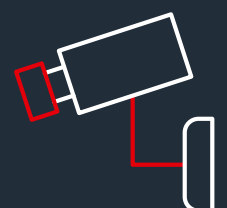
Smart home



Barcode scanner



Router



Security systems

# ELECTRONIC COMPONENTS FOR EMBEDDED SYSTEMS

## Optoelectronics **9**

- Visible, infrared and ultraviolet LED
- Optocouplers



## Sensors & Connectivity **10 11**

- Modules for Bluetooth & Wi-Fi or Proprietary
- Sensors for temperature, humidity, pressure and acceleration
- Digital isolator



## RF Components **12**

- RF Inductors and capacitors with high Q and low tolerances
- Compact HF Signal Filters and Baluns
- Chip Antennas for various frequency



## Thermal Management **13**

- Gap filling solutions
- Heat spreading solutions



## Assembly **14**

- Spacer Studs, SMT Spacer, Plastic Spacer
- Cable Holders, Plastic Caps



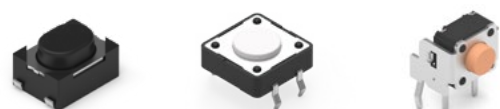
## Connectors **15**

- Wire to Board (1.00, 1.25, 1.50, 2.00 mm) MPC3 & MPC4
- SKEDD Connectors
- ZIF/LIF Connectors
- Fuseholders
- COAX (SMA, SMB, SMP, MCX, MMCX, UMRP)
- Compliant with VDE, UL and IEC



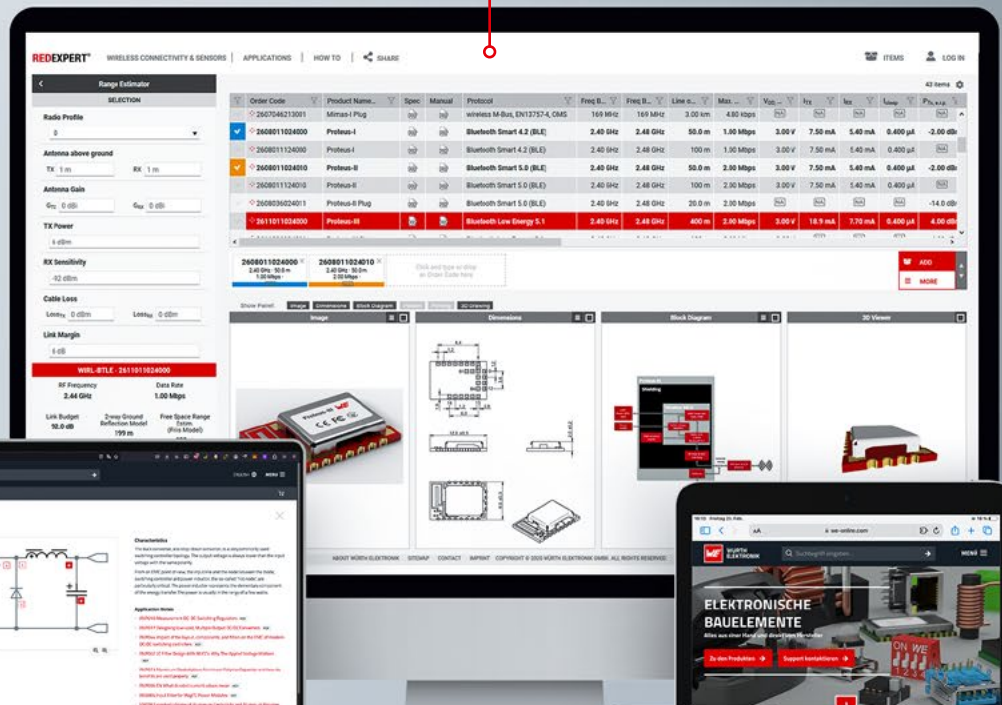
## Switches **16**

- Tact Switches SMT
- Up to IP67

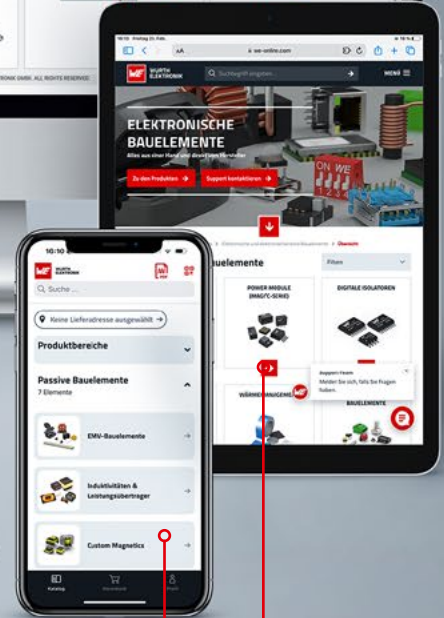
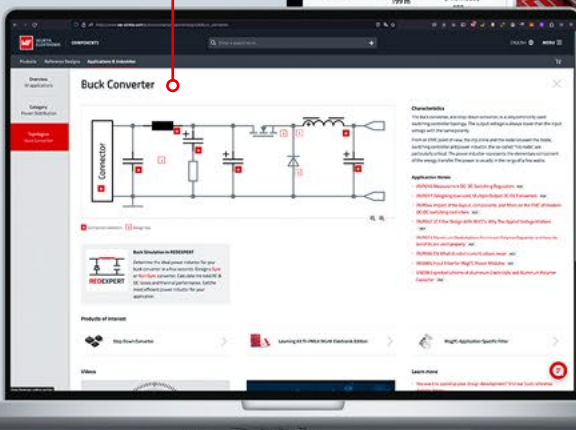


# EASY AND FAST ACCESS TO ALL INFORMATION

REDEXPERT

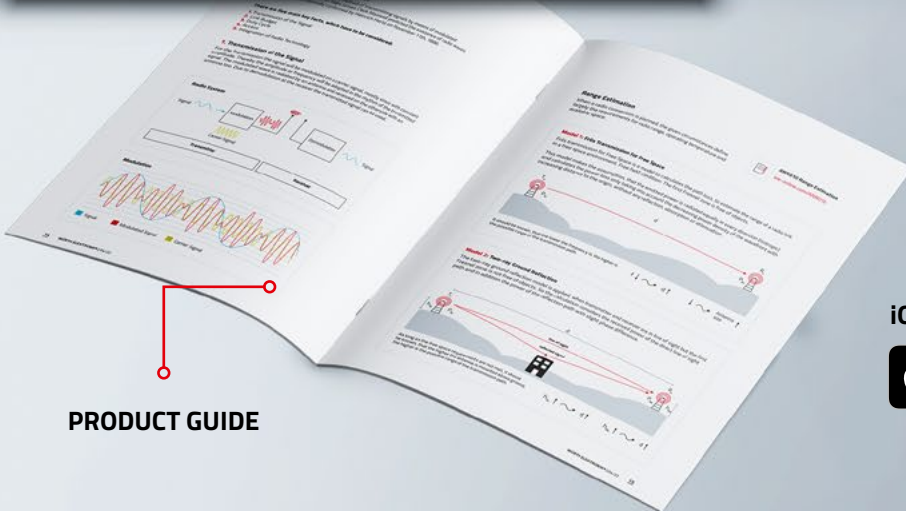


APPLICATIONS &  
INDUSTRIES GUIDES



IOS APP

WEBSITE



PRODUCT GUIDE



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